

# New Jersey

## Gas Implementation Guideline

For

# Electronic Data Interchange

TRANSACTION SET

# 810

## LDC Consolidated Bill

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Summary of Changes ..... 4

Notes ..... 5

How to Use the Implementation Guideline ..... 9

X12 Structure ..... 10

Data Dictionary for 810 LDC Consolidated Bill ..... 11

Segment: **ST** Transaction Set Header ..... 16

Segment: **BIG** Beginning Segment for Invoice ..... 17

Segment: **REF** Reference Identification (OI = Original Invoice Number) ..... 19

Segment: **REF** Reference Identification (11 = ESP Account Number) ..... 20

Segment: **REF** Reference Identification (12 = GDC Account Number) ..... 21

Segment: **REF** Reference Identification (BF = Billing Cycle) ..... 22

Segment: **REF** Reference Identification (BLT = Billing Type) ..... 23

Segment: **REF** Reference Identification (PC = Calculates Charges) ..... 24

Segment: **N1** Name (8S = GDC Name) ..... 25

Segment: **N1** Name (SJ = ESP Name) ..... 26

Segment: **N1** Name (8R = Customer Name) ..... 27

Segment: **ITD** Terms of Sale/Deferred Terms of Sale ..... 28

Segment: **BAL** Balance Detail (M\*J9=Balance prior to billing) ..... 30

Segment: **BAL** Balance Detail (M\*YB=Balance after billing) ..... 31

Segment: **IT1** Baseline Item Data (Invoice) (Account Level Loop) ..... 32

Segment: **PID** Product/Item Description ..... 33

Segment: **DTM** Date/Time Reference (150 = Service Period Start) ..... 34

Segment: **DTM** Date/Time Reference (151 = Service Period End) ..... 35

Segment: **SLN** Subline Item Detail ..... 36

Segment: **SAC** Service, Promotion, Allowance, or Charge Information ..... 37

Segment: **IT1** Baseline Item Data (Invoice) (Rate Level Loop) ..... 40

Segment: **REF** Reference Identification (DQ = Highest Month Average Daily (HMAD)) ..... 41

Segment: **REF** Reference Identification (RB = ESP Rate Code for the Customer) ..... 42

Segment: **REF** Reference Identification (SJ = Maximum Daily Quantity (MDQ)) ..... 43



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## Summary of Changes

March 29, 2000  
Version 1.0

Initial Release.

July 3, 2000  
Version 1.1

Modified

- Notes section
- NJ Notes section
- X12 Structure
- Notes on BIG segment
- Notes on SAC segments
- Notes on DTM segments

Added REF\*OI – Canceled 810 transaction reference number  
 Changed REF\*11 to optional – ESP’s customer account number  
 Deleted REF\*45 - GDC’s previous customer account number  
 Added REF

- DQ - Highest Month Average Daily (HMAD)- added for New Jersey
- SJ - Maximum Daily Quantity (MDQ)- added for New Jersey Natural Gas

Deleted Unmetered IT1 loop  
 Updated all Electric Units of Measurement to Gas Units of Measurements  
 Updated examples

May 31, 2001  
Version 1.2

Added Table of a Contents  
 Added Data Dictionary  
 Removed Rate Ready example for Unmetered loop since not valid in NJ  
 Remove “ELECTRIC” from IT107

June 22, 2001  
Version 1.3

Removed Rate and Unmetered notes in under Bill Ready category in the Notes section.  
 Corrected Billing Information note  
 Corrected notes “Cancellations” and “Minimum requirements” in Notes section.  
 Corrected spelling error in SAC15 note.  
 Corrected Use Note on Segment REF\*11 (ESP Account Number)

August 8, 2001  
Version 1.4

For PSE&G CAS

- Updates NJ Notes section
- Added PID loop note in Data Dictionary
- Updated NJ Use note on segment BAL\*P\*YB
- Updated NJ Use note on segment BAL\*M\*J9
- Added segment PID in IT1 Account Loop

November 7, 2001  
Version 1.5

Added South Jersey Gas Example

March 8, 2002  
Version 1.6

Added Elizabethtown notes to Notes sections:

- “Cancellations”
- “Bill Ready – LDC Consolidated Billing - Supplier Switch”
- “ Bill Ready - Missed Window:”

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## Notes

LDC Definitions:	<ul style="list-style-type: none"> <li>The term GDC (Gas Distribution Company) in this document refers to the utility.</li> </ul>
ESP Definitions:	<ul style="list-style-type: none"> <li>The term ESP (Energy Service Provider) in this document refers to the supplier.</li> </ul>
General Notes	<p>This document is used to define the requirements of the LDC Consolidated Bills which can be used for two purposes:</p> <ul style="list-style-type: none"> <li>Sent by LDC to ESP – Used when the LDC calculates the ESP charges, based on the rates provided by the ESP to the LDC. This is referred to as Rate Ready billing.</li> <li>Sent by ESP to LDC – Used when the ESP calculates their own charges and the charges print on an LDC consolidated bill. This is referred to as Bill Ready billing.</li> </ul> <p><b>Note:</b> ESP Consolidated Bills will be defined in a separate 810 Implementation Guide.</p>
IT1 Loop	<p>The IT1 is used to indicate whether the charge/tax is at a rate level, account level, or unmetered level. In New Jersey for Bill Ready, charges will always be sent at the account level.</p> <p><b>IT109 = "ACCOUNT"</b> for billing information that pertains to the entire account.</p> <ul style="list-style-type: none"> <li>Account Loop may contain all charges and taxes for the customer's account, e.g., Customer Account Charge, Meter Charge, State Sales Tax, County Tax and generation charges.</li> <li>Account Loop may be used in Rate Ready LDC Consolidated Billing and may contain just account level charges and all taxes, e.g. Customer Account Charge, Meter Charge, State Sales Tax and County Tax, with generation charges itemized in the Rate Loop (IT109=RATE) and/or Unmetered Loop (IT109=UNMET).</li> <li>Account Loop is used in Bill Ready LDC Consolidated Billing and will all account charges and including all generation charges..</li> <li>Bill Ready and Rate Ready data examples at the end of this guide illustrate how to use the Account loop.</li> </ul> <p><b>IT109 = "RATE"</b> when billing information is being provided at a Rate level.</p> <ul style="list-style-type: none"> <li>Rate Loop may be used for Rate Ready LDC Consolidated Billing</li> </ul>
Rate Ready – Single IT1 Loop	<ul style="list-style-type: none"> <li>Companies doing Rate Ready billing using only a single IT1 ACCOUNT Loop will not be required to provide the ESP Rate Code (REF*RB) since that code is provided in the RATE level.</li> </ul>
Bill Ready – Sequencing Numbers	<ul style="list-style-type: none"> <li>Print sequencing numbers must be unique and sequential within each 810. If print sequencing numbers are not unique and sequential, the billing party will determine the order on the bill (i.e., the 810 will not be rejected because the sequencing numbers are not unique). Not used by PSE&amp;G</li> </ul>
Budget Billing: Rate Ready Consolidated Billing	<ul style="list-style-type: none"> <li>The <u>Actual</u> charges will be coded with their appropriate code ("A" = Allowance, "C" = Charge, or "N" = No Allowance or Charge) in the SAC01. SAC02 will be set to F950. SAC04 will be set to the appropriate value. The actual charge will be in SAC05.</li> <li>The <u>Budget</u> Amount information will be SAC02 = H151, SAC01 = N, SAC04 = BUD001. The actual charge will be in SAC05.</li> </ul>
Late Payment Charges: Rate Ready	<ul style="list-style-type: none"> <li>Late payment charges that the utility applies to the supplier charges must be sent on an 810 transaction. Inclusion of the charges on an 810 indicate an actual assessment of the late payment charges for the previous billing period indicating the customer did not pay the ESP charges in full by the previous billing period due date.</li> </ul>
Cancellation Scenarios: Rate Ready	<ul style="list-style-type: none"> <li>The prior 810 will be sent (you must cancel by billing period), however, it is not necessary to include the BAL segments in Rate Ready LDC Consolidated Billing scenario.</li> <li>The values will be identical in sign to what they were on the original bill. The way to indicate the bill is being reversed is through the use of the BIG08 field - value "01".</li> <li>If the LDC does an off-cycle cancel, the 810 cancellation must be sent before the rebill.</li> <li>The rebill will always be coded as an original (BIG08 - "00")</li> </ul>
Cancellation Scenarios: Bill Ready	<p>Depending on whether a GDC is maintaining the suppliers' balance, cancellation scenarios may not be necessary.</p>

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- Directly Related to Usage	<p><b><u>LDC Consolidated with LDC Meter Read:</u></b></p> <p>1. The 867 cancellation from the LDC will inform the ESP that the billing (810) and usage (867) information is cancelled.</p> <p>1. The 810 cancellation from the ESP to the LDC is optional Day 1. The issue of whether an LDC will process this information will be revisited at a later date.</p> <p><b><u>Bill Ready Scenarios – ESP Cancels 810 Not Related to Usage</u></b></p> <p>These scenarios differ by utility and are documented within the state sections.</p>
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*New Jersey Notes*

Billing Information:	<ul style="list-style-type: none"> <li>• PSE&amp;G - Supports Bill Ready.</li> <li>• New Jersey Natural Gas – Supports Rate Ready..</li> <li>• Elizabethtown Gas – Supports Bill Ready.</li> <li>• South Jersey Gas – Supports Bill Ready.</li> </ul>
Calculating Previous Unpaid Balance	<ul style="list-style-type: none"> <li>• For Rate Ready, the billing party has the responsibility of calculating the previous unpaid balance.</li> <li>• For Bill Ready, each utility determined whether they would be maintaining the previous unpaid balance.             <ul style="list-style-type: none"> <li>• PSE&amp;G is making the TPS whole and thus will maintain the supplier previous unpaid balance as part of PSE&amp;G’s unpaid balance.</li> <li>• South Jersey Gas will <b>not</b> be maintaining the previous unpaid balance.</li> </ul> </li> </ul>
Cancellations	<p><u>Bill Ready Scenario - Not directly related to usage</u></p> <p><u>LDC Consolidated with LDC Meter Read:</u></p> <ul style="list-style-type: none"> <li>• PSE&amp;G          Because PSE&amp;G and South Jersey Gas does not maintain supplier past due balances, 810 cancellations are unnecessary. If PSE&amp;G receives an 810 anything other than 810 Original, it will ignore the transaction.</li> <li>• <u>NUI Elizabethtown</u>  <u>Because NUI Elizabethtown does not maintain supplier past due balances, 810 cancellations are unnecessary. If NUI Elizabethtown receives an 810 anything other than 810 original, it will ignore the transaction.</u></li> </ul>
Bill Ready – LDC Consolidated Billing - Supplier Switch	<p>The following outlines the rules each Bill Ready Utility has when there is a supplier switch and the previous ESP misses the billing window.</p> <ul style="list-style-type: none"> <li>• <u>NUI Elizabethtown – The supplier will be responsible for collection of any outstanding funds due from the customer.</u></li> <li>• PSE&amp;G – The supplier will be responsible for collection of any outstanding funds due from the customer.</li> <li>• South Jersey – – The supplier will be responsible for collection of any outstanding funds due from the customer.</li> </ul>
Bill Ready - Missed Window:	<p>Each utility has distinct rules on how a missed bill window will be handled:</p> <ul style="list-style-type: none"> <li>• <u>NUI Elizabethtown – will NOT hold charges. The suppliers next month’s 810 should include charges for any missed windows. NUI Elizabethtown will only use the last 810 received while the Bill Window is open for charges.</u></li> <li>• PSE&amp;G – will NOT hold charges. The suppliers next month’s 810 should include charges for any missed bill windows. PSE&amp;G will only use the LAST 810 received while the Bill Window is open for charges.</li> <li>• <u>South Jersey – will NOT hold charges. The suppliers next month’s 810 should include charges for any missed bill windows</u></li> </ul>
Minimum requirements:	<p>Each LDC may allow different fields to be passed. The minimum fields that must be on a New Jersey bill are:</p> <p>PSEG will use the following segments for Bill presentation:</p> <ul style="list-style-type: none"> <li>• Adjustments – SAC05 where SAC04=ADJ000, IT1 loop=ACCOUNT (optional ) adjustments must not include payments</li> <li>• Current Charges – SAC05 where SAC04=GEN004, IT1 loop=ACCOUNT (must send)</li> </ul>

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	<ul style="list-style-type: none"><li>• Total Charges – BAL*M*YB (current balance after payments / adjustments / current charges have been applied) (must send) must equal the sum of Adjustments and Current Charges</li></ul> <p><b>Note:</b> PSE&amp;G will print any PID records up to 60 chars. in length and up to 50 PID loops., PSE&amp;G will ignore any SAC record with SAC04=ADJ002.</p> <p>South Jersey Gas will use the following segments for Bill presentation:</p> <ul style="list-style-type: none"><li>• Previous Balance – BAL*P*YB (Balance after last billing) – (must send)</li><li>• Payments/Adjustments – SAC05 where SAC04=ADJ000, IT1 loop=ACCOUNT (must send)</li><li>• Current Charges – SAC05 where SAC04=GEN004, IT1 loop=ACCOUNT (must send)</li><li>• Total Charges – BAL*M*YB (current balance after payments / adjustments / current charges have been applied) (must send)</li><li>• Past Due (not displayed on bill) – BAL*M*J9 (must send)</li></ul> <p>Past Due Charges do not appear on the Bill, but are used for payment processing</p> <p><b>Note:</b> PSE&amp;G will ignore any PID records, as well as any SAC record with SAC04=ADJ002.</p>
Budget Billing	Budget Billing for the supplier portion of the bill is not provided on a Utility Consolidated Bill.

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## How to Use the Implementation Guideline

**Segment:** **REF** Reference Identification  
**Position:** 030  
**Loop:** LIN Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:**  
 1 At least one of REF02 or REF03 is required.  
 2 If either C04003 or C04004 is present, then the other is required.  
 3 If either C04005 or C04006 is present, then the other is required.  
**Semantic Notes:**  
 1 REF04 contains data relating to the value cited in REF02.

This section is used to show the X12 Rules for this segment. You must look further into the grayboxes below for State Rules.

<b>Notes:</b>	Recommended by UIG
<b>PA Use:</b>	Must be identical to account number as it appears on the customer's bill, excluding punctuation (spaces, dashes, etc.). Significant leading and trailing zeros must be included.
	Request: Required Accept Response: Required Reject Response: Required
<b>NJ Use:</b>	Same as PA
<b>Example:</b>	REF*12*2931839200

The "Notes:" section generally contains notes by the Utility Industry Group (UIG).

This section is used to show the individual State's Rules for implementation of this segment.

One or more examples.

### Data Element Summary

Must Use	Ref. Des.	Data Element	Name	X12 Attributes
Must Use	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification 12 Billing Account LDC assigned account number for end use customer.	M ID 2/3
Must Use	REF02	127	<b>Reference Identification Qualifier</b> Reference information as d Identification Qualifier for a particular Transaction Set or as specified by the Reference	X AN 1/30

This column shows the use of each data element. If state rules differ, this will show "Conditional" and the conditions will be explained in the appropriate grayboxes.

These are X12 code descriptions, which often do not relate to the information we are trying to send. Unfortunately, X12 cannot keep up with our code needs so we often change the meanings of existing codes. See graybox for the UIG or state definitions.

This column shows the X12 attributes for each data element. Please refer to Data Dictionary for individual state rules.  
 M = Mandatory, O= Optional, X = Conditional  
 AN = Alphanumeric, N# = Decimal value, ID = Identification, R = Real  
 1/30 = Minimum 1, Maximum 30

# 810 Invoice

## X12 Structure

Functional Group ID=**IN**

### Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BIG	Beginning Segment for Invoice	M	1		
	050	REF	Reference Identification	O	12		
LOOP ID - N1						200	
	070	N1	Name	O	1		
	130	ITD	Terms of Sale/Deferred Terms of Sale	O	>1		
	212	BAL	Balance Detail	O	>1		

### Detail:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
LOOP ID - IT1						200000	
	010	IT1	Baseline Item Data (Invoice)	O	1		
LOOP ID - PID						1000	
	120	REF	Reference Identification	O	>1		
	150	DTM	Date/Time Reference	O	10		
LOOP ID - SLN						1000	
	200	SLN	Subline Item Detail	O	1		
	230	SAC	Service, Promotion, Allowance, or Charge Information	O	25		

### Summary:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
Must Use	010	TDS	Total Monetary Value Summary	M	1		
	070	CTT	Transaction Totals	O	1		n1
Must Use	080	SE	Transaction Set Trailer	M	1		

### Transaction Set Notes

- Number of line items (CTT01) is the accumulation of the number of IT1 segments. If used, hash total (CTT02) is the sum of the value of quantities invoiced (IT102) for each IT1 segment.

## Data Dictionary for 810 LDC Consolidated Bill

<i>Appl Field</i>	<i>Field Name</i>	<i>Description</i>	<i>EDI Segment</i>	<i>Related EDI Qualifier</i>	<i>Data Type</i>
<b>HEADER LEVEL BILL INFORMATION</b>					
1.	Bill Date	Date Bill was issued. For Bill Ready Scenarios, this will be the date the bill was created. For Rate Ready Scenarios, this will be the date the bill was issued.	BIG01		9(8)
2.	Bill Number	Unique Number identifying this Bill	BIG02		X(22)
3.	Cross Reference Number	The cross reference number originally transmitted in the 867 in the BPT02.	BIG05		X(30)
4.	Bill Action Code	"FE" - Memorandum, Final Bill Customer account has finalized with the LDC. "ME" - Memorandum	BIG07		X(2)
5.	Bill Purpose	"00" - Original "01" - Cancellation - Cancels an entire Bill "07" - Duplicate - For change of due date only.	BIG08		X(2)
6.	Original Bill Number	The Bill Number (BIG02) from the Original 810 when sending a cancellation Bill.	REF02	BIG08=01 or 17 REF01 = "OI"	X(30)
7.	ESP Account Number	Customer Account Number assigned by ESP	REF02	REF01 = "11"	X(30)
8.	LDC Account Number	LDC Customer Account Number	REF02	REF01 = "12"	X(30)
9.	Billing Cycle	Cycle on which the bill will be rendered. Cycle associated with account.	REF02	REF01 = "BF"	X(2)
10.	Billing Type	Indicates the party that delivers the bill to the end use customer - LDC consolidated Billing (REF02="LDC")	REF02	REF01 = "BLT"	X(3)
11.	Billing Calculation Method	Indicates party to calculate bill. - LDC calculates bill (REF02 = "LDC") - Each calculates their own portion (REF02 = "DUAL")	REF02	REF01 = "PC"	X(4)
12.	LDC Name	LDC's Name	N102	N101 = "8S"	X(60)
13.	LDC Duns	LDC's DUNS Number or DUNS+4 Number	N104	N101 = "8S"	X(13)

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14.	ESP Name	ESP's Name	N102	N101 = "SJ"	X(60)
15.	ESP Duns	ESP's DUNS Number or DUNS+4 Number	N104	N101 = "SJ"	X(13)
16.	Customer Name	Customer Name	N102	N101 = "8R"	X(35) Note: X(60) for MD
17.	Store Number	Number assigned by and meaningful to the customer.	N104	N101 = "8R" N103 = "92"	X(20)
18.	Due Date	Payment Due Date for Rate Ready only	ITD06		9(8)
19.	Balance as a Result of Last Billing	Balance of previous period charges prior to applying payments and adjustments for the previous period billing.	BAL03	BAL01 = "P" BAL02 = "YB"	-9(13).99 Explicit Decimal
20.	Balance Prior to Current Billing	This is the balance prior to this billing. If a customer is paid in total, this will be zero.	BAL03	BAL01 = "M" BAL02 = "J9"	-9(13).99 Explicit Decimal
21.	Current Balance	Customer total outstanding balance (previous balance plus current charges)	BAL03	BAL01 = "M" BAL02 = "YB"	-9(13).99 Explicit Decimal
<b>ACCOUNT Level IT1 Loop (Used for Charges that are summarized by Account)</b>					
22.	Line Item Number	Sequential Line Item Counter	IT101		9(20)
23.	Service	Indicates type of service. Will always reflect GAS	IT107	IT106 = "SV"	X(8)
24.	Category of Charge	ACCOUNT - Indicates charges are summarized at an Account level.	IT109	IT108 = "C3"	X(7)
25.	Tax Type	Account Level Taxes - Please see EDI Guideline for valid values.	TXI01		X(2)
<b>PID LOOP within the ACCOUNT Level IT1 Loop (The PID loop may be repeated up to 50 time for PSE&amp;G)</b>					
26.	PID Description	Text description for charges or as supporting text	PID05	PID01 = F PID03= EU	X(80)
27.	PID Description Type	Indicates relative print location on bill R1 – Text Supporting Current Charges R2 – Additional Supporting Text	PID06		X(2)
28.	PID Sequence Number	Determines relative placement of text on bill	PID07		9(2)
<b>END of PID LOOP</b>					
29.	Service Period Start	Service Period Starting Date	DTM02	DTM01 = "150"	X(8)
30.	Service Period End	Service Period Ending Date	DTM02	DTM01 = "151"	X(8)
31.	Subline Counter	Sequential Charge Line Item Counter. This segment is used for ANSI purposes and has no relevance in the application system.	SLN01	SLN03 = "A"	9(20)

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32.	Allowance or Charge Indicator	"A" - Allowance (Credit to the customer) "C" - Charge "N" - No Charge or Allowance; should be printed but ignored when summing the total	SAC01 Detail Position 230		X(1)
33.	Charge Calculation Determinant	Used to differentiate Rate Ready vs. Bill Ready and Actual Charges vs. Budget Billed. Please see EDI guideline for valid codes.	SAC02		X(4)
34.	Energy Charge Category	Code indicating the type of charge (See segment for Valid Values)	SAC04	SAC03="EU"	X(10)
35.	Charge or Allowance Amount	Dollar amount (credit or debit) for the charge. If dollar amount is negative, the leading negative sign will be sent. If the dollar amount is positive, no leading sign is sent.	SAC05		-9(13)V99 Implied Decimal
36.	Price Per Unit	ESP/LDC price per unit associated with the charge	SAC08		-9(5).9(6) Max 9 digits
37.	Unit of Measure	Unit of measure of above consumption See EDI Guide for valid codes.	SAC09		X(2)
38.	Quantity	Consumption or other "unit" for the charge.	SAC10		9(8).9(4)
39.	Print Sequencing Number	Determines placement of line items on bill	SAC13		9(2)
40.	Charge Description	Bill Ready: Text description for line item charge that will print on the customer's bill. Rate Ready: Text description of the line item charge (refer to SAC04).	SAC15		X(80)

**RATE Level IT1 Loop (Used for charges that are summarized by Rate)**

41.	Line Item Number	Sequential Line Item Counter	IT101		9(20)
42.	Service	Indicates type of service. Will always reflect GAS	IT107	IT106 = "SV"	X(8)
43.	Category of Charge	RATE - Indicates charges are summarized at a Rate level.	IT109	IT108 = "C3"	X(5)
44.	Highest Month Average Daily (HMAD)	Customer/Meter average daily usage for month in which they had the highest use per day. This value is initially set and subject to monthly review to determine if changes are warranted based on customer usage	REF02	REF01 = DQ	9(15).99
45.	ESP Rate Code	ESP Rate Code	REF02	REF01 = "RB"	X(30)

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46.	Maximum Daily Quantity (MDQ)	Maximum Daily Quantity (MDQ)-  This is on the calculated HMAD to derive a value for a customer's peak day usage. Since this is a function of HMAD it also is initially set and subject to monthly review to determine if changes are warranted based on customer usage. This value is a fixed billable unit in NJESP Tariff.	REF02	REF01 = SJ	9(15).99
47.	Service Period Start	Service Period Starting Date	DTM02	DTM01 = "150"	X(8)
48.	Service Period End	Service Period Ending Date	DTM02	DTM01 = "151"	X(8)
49.	Subline Counter	Sequential Charge Line Item Counter. This segment is used for ANSI purposes and has no relevance in the application system.	SLN01	SLN03 = "A"	9(20)
50.	Allowance or Charge Indicator	"A" - Allowance (Credit to the customer) "C" - Charge "N" - No Charge or Allowance; should be printed but ignored when summing the total	SAC01 Detail Position 230		X(1)
51.	Charge Calculation Determinant	Used to differentiate Rate Ready vs. Bill Ready and Actual Charges vs. Budget Billed. Please see EDI guideline for valid codes.	SAC02		X(4)
52.	Energy Charge Category	Code indicating the type of charge (See segment for Valid Values)	SAC04	SAC03="EU"	X(10)
53.	Charge or Allowance Amount	Dollar amount (credit or debit) for the charge. If dollar amount is negative, the leading negative sign will be sent. If the dollar amount is positive, no leading sign is sent.	SAC05		-9(13)V99 Implied Decimal
54.	Price Per Unit	ESP/LDC price per unit associated with the charge	SAC08		-9(5).9(6) Max 9 digits
55.	Unit of Measure	Unit of measure of above consumption. See EDI Guide for valid codes.	SAC09		X(2)
56.	Quantity	Consumption or other "unit" for the charge. Not a total consumption.	SAC10		9(8).9(4)
57.	Print Sequencing Number	Determines placement of line items on bill	SAC13		9(2)
58.	Charge Description	Bill Ready: Text description for line item charge that will print on the customer's bill. Rate Ready: Text description of the line item charge (refer to SAC04).	SAC15		X(80)

Deleted: IG810v\_1-6  
Inserted: IG810v\_1-6  
Deleted: IG810v\_1.4

Deleted: August 8  
Deleted: 2001  
Deleted: 4

SUMMARY SECTION					
59.	Actual Current Total	Total Bill Amount for non-billing party's portion of bill. This does not include arrearages. Even though this segment does not appear at the end of the transaction, it is expected to include all amounts, including those that follow.	TDS01		-9(13)V99 Implied Decimal
60.	Number of IT1 segments	Number of IT1 segments	CTT01		9(6)

Deleted: IG810v\_1-6  
Inserted: IG810v\_1-6  
Deleted: IG810v\_1.4

Deleted: August 8  
 Deleted: 2001  
 Deleted: 4

**Segment:** **ST** Transaction Set Header  
**Position:** 010  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the start of a transaction set and to assign a control number  
**Syntax Notes:**  
**Semantic Notes:** 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

**Comments:**

<b>NJ Use:</b>	Required
<b>Example:</b>	ST*810*000000001

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ST01	143	<b>Transaction Set Identifier Code</b> Code uniquely identifying a Transaction Set 810 Invoice	M ID 3/3
Must Use	ST02	329	<b>Transaction Set Control Number</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9

Deleted: IG810v\_1-6  
 Inserted: IG810v\_1-6  
 Deleted: IG810v\_1.4

Deleted: August 8  
Deleted: 2001  
Deleted: 4

**Segment:** **BIG** Beginning Segment for Invoice  
**Position:** 020  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the beginning of an invoice transaction set and transmit identifying numbers and dates  
**Syntax Notes:**  
**Semantic Notes:**

- 1 BIG01 is the invoice issue date.
  - 2 BIG03 is the date assigned by the purchaser to purchase order.
  - 3 BIG10 indicates the consolidated invoice number. When BIG07 contains code CI, BIG10 is not used.
- Comments:** 1 BIG07 is used only to further define the type of invoice when needed.

<b>NJ Use:</b>	Required Note: PSE&G will only process transactions with BIG08="00" South Jersey Gas will not accept transactions with BIG08="01" PSE&G and South Jersey Gas will reject with transaction 824 if BIG05 not provided
<b>Example:</b>	BIG*19980201*19980201123500001***2048392934504**ME*00

**Data Element Summary**

Ref. Des.	Data Element	Name	Attributes
Must Use	BIG01	373 Date Date (CCYYMMDD) Date the bill was issued (rate ready) or created (bill ready).	M DT 8/8
Must Use	BIG02	76 Invoice Number Identifying number assigned by issuer	M AN 1/22
Must Use	BIG05	76 Release Number Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction The cross-reference number originally transmitted in the 867 in the BPT02 must be sent in the BIG05.	0 AN 1/30
	BIG07	640 Transaction Type Code Code specifying the type of transaction FE Memorandum, Final Bill This is to designate this is the final usage data being sent for this customer. Customer account has finalized with the utility or the customer has switched Mandatory for Rate Ready Billing ME Memorandum	O ID 2/2

Deleted: IG810v\_1-6  
Inserted: IG810v\_1-6  
Deleted: IG810v\_1.4

Deleted: August 8  
Deleted: 2001  
Deleted: 4

Must Use	BIG08	353	Transaction Set Purpose Code	O	ID 2/2
			Code identifying purpose of transaction set		
			00 Original		
			01 Cancellation		
			Cancels an entire invoice		
			07 Duplicate		
			This code will be used only in a Rate Ready scenario when the LDC changes the bill due date for the customer. The LDC will send an 810 to the ESP, the only things changing from the original 810 are the duplicate code and the due date. PSE&G will not use		
			17 Cancel, to be Reissued		
			Reversal – used when 810 cancellation is not related to usage. (Bill Ready only) PSE&G will not use		
			18 Reissue		
			Used in combination with code 17 – Reversal, to re-bill the charges that were previously reversed. (Bill Ready only) PSE&G will not use		

Deleted: IG810v\_1-6  
Inserted: IG810v\_1-6  
Deleted: IG810v\_1.4

Deleted: August 8  
 Deleted: 2001  
 Deleted: 4

**Segment:** **REF** Reference Identification (OI = Original Invoice Number)  
**Position:** 050  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 12  
**Purpose:** To specify identifying information  
**Syntax Notes:** 1 At least one of REF02 or REF03 is required.  
 2 If either C04003 or C04004 is present, then the other is required.  
 3 If either C04005 or C04006 is present, then the other is required.  
**Semantic Notes:** 1 REF04 contains data relating to the value cited in REF02.

**Comments:**

<b>PA Use:</b>	Optional. This will eventually be a required field. If you can provide it immediately, please do so.
<b>NJ Use:</b>	Not used
<b>DE Use for Connectiv:</b>	Not used
<b>Example:</b>	REF*OI*123456789019990102

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification OI Original Invoice Number Sent when BIG08 = 01. This will eventually be a required field. If you can provide it immediately, please do so.	M ID 2/3
Must Use	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30

Deleted: IG810v\_1-6  
 Inserted: IG810v\_1-6  
 Deleted: IG810v\_1.4

Deleted: August 8  
Deleted: 2001  
Deleted: 4

**Segment:** **REF** Reference Identification (11 = ESP Account Number)  
**Position:** 050  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 12  
**Purpose:** To specify identifying information  
**Syntax Notes:**  
 1 At least one of REF02 or REF03 is required.  
 2 If either C04003 or C04004 is present, then the other is required.  
 3 If either C04005 or C04006 is present, then the other is required.  
**Semantic Notes:**  
 1 REF04 contains data relating to the value cited in REF02.

<b>NJ Use:</b>	Required if it was provided previously
<b>Example:</b>	REF*11*395871290

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification 11 Account Number ESP-assigned account number for the end use customer.	M ID 2/3
Must Use	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30

Deleted: IG810v\_1-6  
Inserted: IG810v\_1-6  
Deleted: IG810v\_1.4

Deleted: August 8  
 Deleted: 2001  
 Deleted: 4

**Segment:** **REF** Reference Identification (12 = GDC Account Number)  
**Position:** 050  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 12  
**Purpose:** To specify identifying information  
**Syntax Notes:**  
 1 At least one of REF02 or REF03 is required.  
 2 If either C04003 or C04004 is present, then the other is required.  
 3 If either C04005 or C04006 is present, then the other is required.  
**Semantic Notes:**  
 1 REF04 contains data relating to the value cited in REF02.

<b>NJ Use:</b>	Required
<b>Example:</b>	REF*12*39205810578

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification 12 Billing Account GDC-assigned account number for the end use customer. Must be identical to account number as it appears in the GDC system, excluding punctuation (spaces, dashes, etc.) Significant leading and trailing zeros must be included.	M ID 2/3
Must Use	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30

Deleted: IG810v\_1-6  
 Inserted: IG810v\_1-6  
 Deleted: IG810v\_1.4

Deleted: August 8  
 Deleted: 2001  
 Deleted: 4

**Segment:** **REF** Reference Identification (BF = Billing Cycle)  
**Position:** 050  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 12  
**Purpose:** To specify identifying information  
**Syntax Notes:**  
 1 At least one of REF02 or REF03 is required.  
 2 If either C04003 or C04004 is present, then the other is required.  
 3 If either C04005 or C04006 is present, then the other is required.  
**Semantic Notes:**  
 1 REF04 contains data relating to the value cited in REF02.

**Comments:**

<b>NJ Use:</b>	Rate Ready: Required Bill Ready: Not Used
<b>Example:</b>	REF*BF*21

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification BF Billing Center Identification Billing cycle. Cycle number when the billing will be rendered.	M ID 2/3
Must Use	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30

Deleted: IG810v\_1-6  
 Inserted: IG810v\_1-6  
 Deleted: IG810v\_1.4

Deleted: August 8  
Deleted: 2001  
Deleted: 4

**Segment:** **REF** Reference Identification (BLT = Billing Type)  
**Position:** 050  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 12  
**Purpose:** To specify identifying information  
**Syntax Notes:**  
 1 At least one of REF02 or REF03 is required.  
 2 If either C04003 or C04004 is present, then the other is required.  
 3 If either C04005 or C04006 is present, then the other is required.  
**Semantic Notes:**  
 1 REF04 contains data relating to the value cited in REF02.

<b>NJ Use:</b>	Required
<b>Example:</b>	REF*BLT*LDC

**Data Element Summary**

Ref. Des.	Data Element	Name	Attributes
Must Use REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification BLT Billing Type Identifies the party that sends the bill to the end use customer.	M ID 2/3
Must Use REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier When REF01 is BLT, valid values for REF02 are: LDC (meaning the utility [GDC] bills the customer)	X AN 1/30

	IF ...				
	Bills the Customer	Calculates		Billing Party	Calc. Party
		GDC Portion	ESP Portion	REF*BLT	REF*PC
GDC Rate Ready	GDC	GDC	GDC	LDC	LDC
GDC Bill Ready	GDC	GDC	ESP	LDC	DUAL

Be careful to use the UIG Standard Code Values LDC and ESP rather than the New Jersey versions of those codes.

Deleted: IG810v\_1-6  
Inserted: IG810v\_1-6  
Deleted: IG810v\_1.4

Deleted: August 8  
Deleted: 2001  
Deleted: 4

**Segment:** **REF** Reference Identification (PC = Calculates Charges)  
**Position:** 050  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 12  
**Purpose:** To specify identifying information  
**Syntax Notes:**  
 1 At least one of REF02 or REF03 is required.  
 2 If either C04003 or C04004 is present, then the other is required.  
 3 If either C04005 or C04006 is present, then the other is required.  
**Semantic Notes:**  
 1 REF04 contains data relating to the value cited in REF02.

**Comments:**

<b>NJ Use:</b>	Required
<b>Example:</b>	REF*PC*DUAL

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification PC Production Code Identifies the party that calculates the bill.	M ID 2/3
Must Use	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier When REF01 is PC, valid values for REF02 are: LDC (meaning the utility [GDC] calculates the charges on the bill) DUAL (meaning each party calculates their own portion of the charges)	X AN 1/30

	IF ...				
	Bills the Customer	Calculates		Billing Party	Calc. Party
		GDC Portion	ESP Portion	REF*BLT	REF*PC
GDC Rate Ready	GDC	GDC	GDC	LDC	LDC
GDC Bill Ready	GDC	GDC	ESP	LDC	DUAL

Be careful to use the UIG Standard Code Values LDC and ESP rather than the New Jersey versions of those codes.

Deleted: IG810v\_1-6  
Inserted: IG810v\_1-6  
Deleted: IG810v\_1.4

Deleted: August 8  
Deleted: 2001  
Deleted: 4

**Segment:** **N1** Name (8S = GDC Name)  
**Position:** 070  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To identify a party by type of organization, name, and code  
**Syntax Notes:**  
 1 At least one of N102 or N103 is required.  
 2 If either N103 or N104 is present, then the other is required.  
**Semantic Notes:**  
**Comments:**  
 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.  
 2 N105 and N106 further define the type of entity in N101.

<b>NJ Use:</b>	Required
<b>Example:</b>	N1*8S*GDC COMPANY*1*007909411

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N101	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual 8S Consumer Service Provider (CSP) GDC	M ID 2/3
Must Use	N102	93	<b>Name</b> Free-form name GDC Company Name	X AN 1/60
Must Use	N103	66	<b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67) 1 D-U-N-S Number, Dun & Bradstreet 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix	X ID 1/2
Must Use	N104	67	<b>Identification Code</b> Code identifying a party or other code LDC D-U-N-S Number or D-U-N-S + 4 Number	X AN 2/80

Deleted: IG810v\_1-6  
Inserted: IG810v\_1-6  
Deleted: IG810v\_1.4

Deleted: August 8  
Deleted: 2001  
Deleted: 4

**Segment:** N1 Name (SJ = ESP Name)  
**Position:** 070  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To identify a party by type of organization, name, and code  
**Syntax Notes:** 1 At least one of N102 or N103 is required.  
 2 If either N103 or N104 is present, then the other is required.

**Semantic Notes:**  
**Comments:** 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.  
 2 N105 and N106 further define the type of entity in N101.

<b>NJ Use:</b>	Required
<b>Example:</b>	N1*SJ*ESP COMPANY*9*007909422ESP

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N101	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual SJ Service Provider ESP	M ID 2/3
Must Use	N102	93	<b>Name</b> Free-form name ESP Company Name	X AN 1/60
Must Use	N103	66	<b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67) 1 D-U-N-S Number, Dun & Bradstreet 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix	X ID 1/2
Must Use	N104	67	<b>Identification Code</b> Code identifying a party or other code ESP D-U-N-S Number or D-U-N-S + 4 Number	X AN 2/80

Deleted: IG810v\_1-6  
Inserted: IG810v\_1-6  
Deleted: IG810v\_1.4

Deleted: August 8  
Deleted: 2001  
Deleted: 4

**Segment:** N1 Name (8R = Customer Name)  
**Position:** 070  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To identify a party by type of organization, name, and code  
**Syntax Notes:**  
 1 At least one of N102 or N103 is required.  
 2 If either N103 or N104 is present, then the other is required.

**Semantic Notes:**  
**Comments:**  
 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.  
 2 N105 and N106 further define the type of entity in N101.

<b>N J Use:</b>	Required
<b>Example:</b>	N1*8R*JANE DOE*92*2010

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N101	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual 8R Consumer Service Provider (CSP) Customer End Use Customer	M ID 2/3
Must Use	N102	93	<b>Name</b> Free-form name Customer Name as it appears in the GDC System and on the Customer's Bill.	X AN 1/60
Optional	N103	66	<b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67) 92 Assigned by Buyer or Buyer's Agent Reference number meaningful to the customer.	X ID 1/2
Optional	N104	67	<b>Identification Code</b> Code identifying a party or other code Reference number meaningful to the customer. Note that this number is assigned by the GDC and may or may not be applicable to the ESP.	X AN 2/80

Deleted: IG810v\_1-6  
Inserted: IG810v\_1-6  
Deleted: IG810v\_1.4

- Deleted: August 8
- Deleted: 2001
- Deleted: 4

**Segment:** **ITD** Terms of Sale/Deferred Terms of Sale  
**Position:** 130  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify terms of sale  
**Syntax Notes:**  
 1 If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required.  
 2 If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required.  
 3 If ITD09 is present, then at least one of ITD10 or ITD11 is required.  
**Semantic Notes:**  
 1 ITD15 is the percentage applied to a base amount used to determine a late payment charge.  
**Comments:**  
 1 If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.

<b>NJ Use:</b>	Rate Ready: Required if not purchasing receivables Bill Ready: Not Used
<b>Example:</b>	ITD*****19990220

**Data Element Summary**

Ref. Des.	Data Element	Name	Attributes
Must Use	ITD06	446	<b>Terms Net Due Date</b> Date when total invoice amount becomes due Payment due date (if applicable). Format: CCYYMMDD

- Deleted: IG810v\_1-6
- Inserted: IG810v\_1-6
- Deleted: IG810v\_1.4

Deleted: August 8  
Deleted: 2001  
Deleted: 4

Segment: **BAL** Balance Detail (P\*YB=Previous Balance) **Position:** 212  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To identify the specific monetary balances associated with a particular account  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

<b>NJ Use:</b>	Rate Ready: Required if not purchasing Receivables Bill Ready: Required if LDC is not maintaining supplier balance. Note PSE&G will not validate or process this data..
<b>Example:</b>	BAL*P*YB*500.00

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	BAL01	951	<b>Balance Type Code</b> Code indicating the type of balance P Previous Month Balance of previous period charges prior to applying payments and adjustments for the previous period billing	M ID 1/2
Must Use	BAL02	522	<b>Amount Qualifier Code</b> Code to qualify amount YB Actual Unpaid Principal Balance	M ID 1/3
Must Use	BAL03	782	<b>Monetary Amount</b> Monetary amount	M R 1/18

NJ Rate Ready Example:

A customer's last bill indicated that they owed a total of \$500.00.  
 The customer paid \$275.00 (i.e., they now owe \$225.00).  
 The current billing charges are \$100.00 (i.e., they now owe \$325.00).  
 The customer has a budget balance of \$400.00 after the current billing.

BAL*P*YB*500.00\	The amount the customer owed as a result of the previous bill prior to applying payments and adjustments for the previous period billing.
BAL*M*J9*225.00\	The amount the customer owed prior to the current billing – BAL*P*YB with payments and adjustments applied.
BAL*M*YB*325.00\	The customer's total outstanding balance. This is what the customer owes from previous billing periods plus the current billing charges.
BAL*Y*YB*400.00\	The customer's current outstanding budget balance.

Deleted: IG810v\_1-6  
Inserted: IG810v\_1-6  
Deleted: IG810v\_1.4

Deleted: August 8  
Deleted: 2001  
Deleted: 4

**Segment:** **BAL** Balance Detail (M\*J9=Balance prior to billing)  
**Position:** 212  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To identify the specific monetary balances associated with a particular account  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

<b>NJ Use:</b>	Rate Ready: Required if not purchasing Receivables Bill Ready: Required if LDC is NOT maintaining supplier balance (Not used if LDC is maintaining supplier balance). <b>Note:</b> Note PSE&G will not validate or process this data..
<b>Example:</b>	BAL*M*J9*225.00

**Data Element Summary**

Ref. Des.	Data Element	Name	Attributes
Must Use BAL01	951	<b>Balance Type Code</b> Code indicating the type of balance M Current Month This is the balance prior to this billing. If a customer is paid in total, this will be zero. <b>NJ Use:</b> This reflects the past due amount.	M ID 1/2
Must Use BAL02	522	<b>Amount Qualifier Code</b> Code to qualify amount J9 Beginning Balance	M ID 1/3
Must Use BAL03	782	<b>Monetary Amount</b> Monetary amount	M R 1/18

Deleted: IG810v\_1-6  
Inserted: IG810v\_1-6  
Deleted: IG810v\_1.4

Deleted: August 8  
 Deleted: 2001  
 Deleted: 4

**Segment:** **BAL** Balance Detail (M\*YB=Balance after billing)  
**Position:** 212  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To identify the specific monetary balances associated with a particular account  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

<b>NJ Use:</b>	Rate Ready: Required for all except the cancel 810. Bill Ready Required if LDC is NOT maintaining supplier balance. Not used if the LDC is maintaining the supplier balance. Note: Required by PSE&G – this value must equal the sum of the current charges (SAC05 where SAC04=GEN004) and adjustments (SAC05 where SAC04=ADJ000)
<b>Example:</b>	BAL*M*YB*325.00

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	BAL01	951	<b>Balance Type Code</b> Code indicating the type of balance M Current Month The customer's total outstanding balance. This is what the customer owes from previous billing periods plus the current billing period charges.	M ID 1/2
Must Use	BAL02	522	<b>Amount Qualifier Code</b> Code to qualify amount YB Actual Unpaid Principal Balance	M ID 1/3
Must Use	BAL03	782	<b>Monetary Amount</b> Monetary amount	M R 1/18

Deleted: IG810v\_1-6  
 Inserted: IG810v\_1-6  
 Deleted: IG810v\_1.4

**Segment:** **IT1** **Baseline Item Data (Invoice) (Account Level Loop)**  
**Position:** 010  
**Loop:** IT1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the basic and most frequently used line item data for the invoice and related transactions  
**Syntax Notes:**

- 1 If any of IT102 IT103 or IT104 is present, then all are required.
- 2 If either IT106 or IT107 is present, then the other is required.
- 3 If either IT108 or IT109 is present, then the other is required.
- 4 If either IT110 or IT111 is present, then the other is required.
- 5 If either IT112 or IT113 is present, then the other is required.
- 6 If either IT114 or IT115 is present, then the other is required.
- 7 If either IT116 or IT117 is present, then the other is required.
- 8 If either IT118 or IT119 is present, then the other is required.
- 9 If either IT120 or IT121 is present, then the other is required.
- 10 If either IT122 or IT123 is present, then the other is required.
- 11 If either IT124 or IT125 is present, then the other is required.

**Semantic Notes:**

- 1 IT101 is the purchase order line item identification.

**Comments:**

- 1 Element 235/234 combinations should be interpreted to include products and/or services. See the Data Dictionary for a complete list of IDs.
- 2 IT106 through IT125 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

<b>Notes:</b>	<b>ACCOUNT:</b> Used to convey charges that apply to the entire account. <b>Note:</b> If tax is the only information conveyed in this loop, the SLN and SAC segments should not be sent. <b>Note:</b> IT1 loops may be sent in any order. There may only be ONE IT1 ACCOUNT Loop
<b>NJ Use:</b>	This loop is required to identify whether this is an electric or gas transaction. The ACCOUNT loop is the only one used for Bill Ready.
<b>Examples:</b>	IT1*1*****SV*GAS*C3*ACCOUNT

**Data Element Summary**

Ref. Des.	Data Element	Name	Attributes
Must Use	IT101	350 <b>Assigned Identification</b>	O AN 1/20
		Alphanumeric characters assigned for differentiation within a transaction set Sequential Line item counter	
Must Use	IT106	235 <b>Product/Service ID Qualifier</b>	X ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234) SV Service Rendered	
Must Use	IT107	234 <b>Product/Service ID</b>	X AN 1/48
		Identifying number for a product or service GAS	
Must Use	IT108	235 <b>Product/Service ID Qualifier</b>	X ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234) C3 Classification	
Must Use	IT109	234 <b>Product/Service ID</b>	X AN 1/48
		Identifying number for a product or service ACCOUNT – Indicates that charges pertain to the account level.	

**Segment: PID** Product/Item Description

**Position:** 060

**Loop:** PID Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** 1

**Purpose:** To describe a product or process in coded or free-form format

- Syntax Notes:**
- 1 If PID04 is present, then PID03 is required.
  - 2 At least one of PID04 or PID05 is required.
  - 3 If PID07 is present, then PID03 is required.
  - 4 If PID08 is present, then PID04 is required.
  - 5 If PID09 is present, then PID05 is required.

- Semantic Notes:**
- 1 Use PID03 to indicate the organization that publishes the code list being referred to.
  - 2 PID04 should be used for industry-specific product description codes.
  - 3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
  - 4 PID09 is used to identify the language being used in PID05.

- Comments:**
- 1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
  - 2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.
  - 3 PID07 specifies the individual code list of the agency specified in PID03.

**Notes:** Used to provide required IT1 level billing messages.

**NJ Use:** Not used In Rate Ready  
 Conditionally available by utility in Bill Ready:

- PSE&G – Optional

**Note:**

- PSE&G will support up to 60 chars in PID05 when PI0=R1 or R2 and PSE&G will support up to 50 PID loops

**Example:** PID\*F\*\*EU\*\*THIS IS SAMPLE TEXT\*R1\*01

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	PID01	349	<b>Item Description Type</b> Code indicating the format of a description F Free-form	M ID 1/1
Must Use	PID03	559	<b>Agency Qualifier Code</b> Code identifying the agency assigning the code values EU Electric Utilities	X ID 2/2
Must Use	PID05	352	<b>Description</b> A free-form description to clarify the related data elements and their content	X AN 1/80
Must Use	PID06	752	<b>Surface/Layer/Position Code</b> Code indicating the product surface, layer, or position that is being described R1 Relative Position 1 R2 Relative Position 2	O ID 2/2
Optional	PID07	822	<b>Source Subqualifier</b> A reference that indicates the table or text maintained by the Source Qualifier Relative sequence number for printing Note: Required by PSE&G if segment is sent	O AN 1/15

Deleted: August 8  
 Deleted: 2001  
 Deleted: 4

**Segment:** **DTM** Date/Time Reference (150 = Service Period Start)  
**Position:** 150  
**Loop:** IT1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 10  
**Purpose:** To specify pertinent dates and times  
**Syntax Notes:**  
 1 At least one of DTM02 DTM03 or DTM05 is required.  
 2 If DTM04 is present, then DTM03 is required.  
 3 If either DTM05 or DTM06 is present, then the other is required.

**Semantic Notes:**  
**Comments:**

<b>NJ Use:</b>	Rate Ready –Required,– Must match the service period dates in PTD*SU loop from the 867 transaction. <b>Bill Ready – Not Used</b> , PSE&G and South Jersey Gas will NOT validate this field.
<b>Example:</b>	DTM*150*19990102

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	DTM01	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time 150 Service Period Start	M ID 3/3
Must Use	DTM02	373	<b>Date</b> Date expressed as CCYYMMDD	X DT 8/8

Deleted: IG810v\_1-6  
 Inserted: IG810v\_1-6  
 Deleted: IG810v\_1.4

Deleted: August 8  
Deleted: 2001  
Deleted: 4

**Segment:** **DTM** Date/Time Reference (151 = Service Period End)  
**Position:** 150  
**Loop:** IT1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 10  
**Purpose:** To specify pertinent dates and times  
**Syntax Notes:**

- 1 At least one of DTM02 DTM03 or DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

**Semantic Notes:**  
**Comments:**

<b>NJ Use:</b>	Rate Ready –Required,– Must match the service period dates in PTD*SU loop from the 867 transaction. <b>Bill Ready – Not Used</b> , PSE&G and South Jersey Gas will NOT validate this field.
<b>Example:</b>	DTM*151*19990201

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	DTM01	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time 151 Service Period End	M ID 3/3
Must Use	DTM02	373	<b>Date</b> Date expressed as CCYYMMDD	X DT 8/8

Deleted: IG810v\_1-6  
Inserted: IG810v\_1-6  
Deleted: IG810v\_1.4

**Segment:** **SLN** Subline Item Detail  
**Position:** 200  
**Loop:** SLN Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify product subline detail item data  
**Syntax Notes:**

- 1 If either SLN04 or SLN05 is present, then the other is required.
- 2 If SLN07 is present, then SLN06 is required.
- 3 If SLN08 is present, then SLN06 is required.
- 4 If either SLN09 or SLN10 is present, then the other is required.
- 5 If either SLN11 or SLN12 is present, then the other is required.
- 6 If either SLN13 or SLN14 is present, then the other is required.
- 7 If either SLN15 or SLN16 is present, then the other is required.
- 8 If either SLN17 or SLN18 is present, then the other is required.
- 9 If either SLN19 or SLN20 is present, then the other is required.
- 10 If either SLN21 or SLN22 is present, then the other is required.
- 11 If either SLN23 or SLN24 is present, then the other is required.
- 12 If either SLN25 or SLN26 is present, then the other is required.
- 13 If either SLN27 or SLN28 is present, then the other is required.

**Semantic Notes:**

- 1 SLN01 is the identifying number for the subline item.
- 2 SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.
- 3 SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.
- 4 SLN08 is a code indicating the relationship of the price or amount to the associated segment.

**Comments:**

- 1 See the Data Element Dictionary for a complete list of IDs.
- 2 SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.
- 3 SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

<b>Notes:</b>	The IT1/SLN segment (Position 200) is used to overcome the limitation of 25 IT1/SAC loops (Position 180). Each SLN loop will only contain one SAC. Multiple charges/allowances require multiple SLN loops.
<b>NJ Use:</b>	Required if sending any SAC segments
<b>Example:</b>	SLN*1**A

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	SLN01	350	<b>Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set Used as a loop counter	M AN 1/20
Must Use	SLN03	662	<b>Relationship Code</b> Code indicating the relationship between entities A Add	M ID 1/1

Example:  
IT1, DTM, DTM, SLN, SAC, SLN, SAC, SLN, SAC

**Segment:** SAC Service, Promotion, Allowance, or Charge Information

**Position:** 230  
**Loop:** SLN Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 25  
**Purpose:** To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

- Syntax Notes:**
- 1 At least one of SAC02 or SAC03 is required.
  - 2 If either SAC03 or SAC04 is present, then the other is required.
  - 3 If either SAC06 or SAC07 is present, then the other is required.
  - 4 If either SAC09 or SAC10 is present, then the other is required.
  - 5 If SAC11 is present, then SAC10 is required.
  - 6 If SAC13 is present, then at least one of SAC02 or SAC04 is required.
  - 7 If SAC14 is present, then SAC13 is required.
  - 8 If SAC16 is present, then SAC15 is required.
- Semantic Notes:**
- 1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
  - 2 SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
  - 3 SAC08 is the allowance or charge rate per unit.
  - 4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
  - 5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
  - 6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
  - 7 SAC16 is used to identify the language being used in SAC15.

- Comments:**
- 1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
  - 2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

<b>Notes:</b>	Each SLN loop will contain only one SLN and one SAC. Multiple charges/allowances require multiple SLN loops.
<b>NJ Use:</b>	Required SAC08, 09, 10, 13, 15 are conditional, they must be provided if the charge in the SAC05 is based on a rate. The SAC05 is mandatory in all cases.
<b>Example:</b>	<u>Bill Ready:</u> SAC*C*D140***500***5.00*MO*1***2**CUSTOMER CHARGES: \$5.00 <u>Rate Ready:</u> SAC*C*F950*EU*BAS001*500***5.00*MO*1*****CUSTOMER CHARGE

Deleted: August 8  
Deleted: 2001  
Deleted: 4

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use SAC01	248	<b>Allowance or Charge Indicator</b> Code which indicates an allowance or charge for the service specified A Allowance C Charge N No Allowance or Charge The amount in the SAC05 will be ignored when summing the invoice total. PSE&G accepts only "C"	M ID 1/1
Must Use SAC02	1300	<b>Service, Promotion, Allowance, or Charge Code</b> D140 Bill Ready – Actual Charges F950 Rate Ready – Actual Charges H151 Rate Ready – Budget Billed Charges	X ID 4/4
Conditional SAC03	559	<b>Agency Qualifier Code</b> EU Electric Utilities Note: EU code will be used for natural gas	X ID 2/2
Conditional SAC04	1301	<b>Energy Charges</b> NJ: In addition to being used for Rate Ready, some utilities may require this in Bill Ready to distinguish charges: • PSE&G and South Jersey Gas – SAC04 is required. ADJ000, GEN004 are only valid values. ADJ000 Adjustments / Payments ADJ002 Adjustment BAS001 Customer Charge BUD001 Current Budget Charge DMD001 Demand Charge GEN002 Generation Charge – Measured GEN003 Generation Charge – Adjusted GEN004 Generation Charge – Billed GTC002 Generation/Transmission Charge – Measured GTC003 Generation/Transmission Charge – Adjusted GTC004 Generation/Transmission Charge – Billed GTC005 Generation/Transmission Charge – On Peak GTC006 Generation/Transmission Charge – Off Peak LPC001 Late Payment Charge TRN002 Transmission Charge – Measured TRN003 Transmission Charge – Adjusted TRN004 Transmission Charge – Billed	X AN 1/10
Must Use SAC05	610	<b>Amount</b> Monetary amount This field stands on its own and will be signed if it is negative. The SAC01 is NOT used to determine the sign in the SAC05.	O N2 1/15
Conditional SAC08	118	<b>Rate</b> Rate expressed in the standard monetary denomination for the currency specified PSE&G does not use	O R 1/9
Conditional SAC09	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken PSE&G does not use	X ID 2/2
Conditional SAC10	380	TZ <b>Quantity</b> Therms Numeric value of quantity	X R 1/15

Deleted: IG810v\_1-6  
Inserted: IG810v\_1-6  
Deleted: IG810v\_1.4

Deleted: August 8  
Deleted: 2001  
Deleted: 4

**Conditional SAC13 127 Reference Identification X AN 1/30**  
Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

PSE&G does not use

Used to assign a print sequencing number to determine the order that the line item will appear on the bill. Not used for Rate Ready billing.

**Conditional SAC15 352 Description X AN 1/80**  
A free-form description to clarify the related data elements and their content

PSE&G does not use

For NJNG contains meter number

South Jersey Gas – Specifications need to be developed

Deleted: IG810v\_1-6  
Inserted: IG810v\_1-6  
Deleted: IG810v\_1.4

**Segment:** **IT1** **Baseline Item Data (Invoice) (Rate Level Loop)**  
**Position:** 010  
**Loop:** IT1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the basic and most frequently used line item data for the invoice and related transactions  
**Syntax Notes:**

- 1 If any of IT102 IT103 or IT104 is present, then all are required.
- 2 If either IT106 or IT107 is present, then the other is required.
- 3 If either IT108 or IT109 is present, then the other is required.
- 4 If either IT110 or IT111 is present, then the other is required.
- 5 If either IT112 or IT113 is present, then the other is required.
- 6 If either IT114 or IT115 is present, then the other is required.
- 7 If either IT116 or IT117 is present, then the other is required.
- 8 If either IT118 or IT119 is present, then the other is required.
- 9 If either IT120 or IT121 is present, then the other is required.
- 10 If either IT122 or IT123 is present, then the other is required.
- 11 If either IT124 or IT125 is present, then the other is required.

**Semantic Notes:**

- 1 IT101 is the purchase order line item identification.

**Comments:**

- 1 Element 235/234 combinations should be interpreted to include products and/or services. See the Data Dictionary for a complete list of IDs.
- 2 IT106 through IT125 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

<b>Notes:</b>	<b>RATE:</b> Used to convey charges that apply to the rate level <b>Note:</b> IT1 loops may be sent in any order. <b>Note:</b> The Use for the various segments in this loop reflect if the loop is used.
<b>NJ Use:</b>	At least one type of loop is Required <b>Note:</b> The RATE loop is not valid in PSE&G and South jersey Gas
<b>DE Use for Conectiv:</b>	The RATE loop is not valid in Conectiv territory.
<b>Examples:</b>	IT1*1*****SV*ELECTRIC*C3*RATE

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	IT101	350	<b>Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set Sequential Line item counter	O AN 1/20
Must Use	IT106	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) SV Service Rendered	X ID 2/2
Must Use	IT107	234	<b>Product/Service ID</b> Identifying number for a product or service GAS	X AN 1/48
Must Use	IT108	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) C3 Classification	X ID 2/2
Must Use	IT109	234	<b>Product/Service ID</b> Identifying number for a product or service RATE - Indicates that charges are summarized at a rate level.	X AN 1/48

Deleted: August 8  
Deleted: 2001  
Deleted: 4

**Segment:** **REF** Reference Identification (DQ = Highest Month Average Daily (HMAD))  
**Position:** 120  
**Loop:** IT1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:**  
 1 At least one of REF02 or REF03 is required.  
 2 If either C04003 or C04004 is present, then the other is required.  
 3 If either C04005 or C04006 is present, then the other is required.  
**Semantic Notes:**  
 1 REF04 contains data relating to the value cited in REF02.

<b>NJ Use:</b>	Used by New Jersey Natural Gas Only
<b>Example:</b>	REF*DQ*10.9

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>X12 Attributes</u>
Must Use	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification DQ Delivery Quote Number Highest Month Average Daily (HMAD) Customer/Meter average daily usage for month in which they had the highest use per day. This value is initially set and subject to monthly review to determine if changes are warranted based on customer usage	M ID 2/3
Must Use	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30

Deleted: IG810v\_1-6  
Inserted: IG810v\_1-6  
Deleted: IG810v\_1.4

- Deleted: August 8
- Deleted: 2001
- Deleted: 4

**Segment:** **REF** Reference Identification (RB = ESP Rate Code for the Customer)  
**Position:** 120  
**Loop:** IT1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:**

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

**Semantic Notes:**

- 1 REF04 contains data relating to the value cited in REF02.

**Comments:**

<b>NJ Use:</b>	Rate Ready: Optional when IT109 = RATE Bill Ready: Not Used
<b>Example:</b>	REF*RB*A29

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification RB                  ESP Rate Code for the Customer	M ID 2/3
Must Use	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30

- Deleted: IG810v\_1-6
- Inserted: IG810v\_1-6
- Deleted: IG810v\_1.4

Deleted: August 8  
Deleted: 2001  
Deleted: 4

**Segment:** **REF** Reference Identification (SJ = Maximum Daily Quantity (MDQ))  
**Position:** 120  
**Loop:** IT1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:** 1 At least one of REF02 or REF03 is required.  
 2 If either C04003 or C04004 is present, then the other is required.  
 3 If either C04005 or C04006 is present, then the other is required.  
**Semantic Notes:** 1 REF04 contains data relating to the value cited in REF02.

<b>NJ Use:</b>	Used by New Jersey Natural Gas Only
<b>Example:</b>	REF*SJ*10.9

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>X12 Attributes</u>
Must Use	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification SJ Set Number Maximum Daily Quantity (MDQ)- This is on the calculated HMAD to derive a value for a customer's peak day usage. Since this is a function of HMAD it also is initially set and subject to monthly review to determine if changes are warranted based on customer usage. This value is a fixed billable unit in NJNGs Tariff.	M ID 2/3
Must Use	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30

Deleted: IG810v\_1-6  
Inserted: IG810v\_1-6  
Deleted: IG810v\_1.4

Deleted: August 8  
 Deleted: 2001  
 Deleted: 4

**Segment:** **DTM** Date/Time Reference (150 = Service Period Start)

**Position:** 150  
**Loop:** IT1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 10

**Purpose:** To specify pertinent dates and times

- Syntax Notes:**
- 1 At least one of DTM02 DTM03 or DTM05 is required.
  - 2 If DTM04 is present, then DTM03 is required.
  - 3 If either DTM05 or DTM06 is present, then the other is required.

**Semantic Notes:**

**Comments:**

<b>NJ Use:</b>	Required – Must match the service period dates in PTD*SU loop from the 867 transaction. <b>Note:</b> PSE&G will not validate this segment
<b>Example:</b>	DTM*150*19990102

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	DTM01	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time 150 Service Period Start	M ID 3/3
Must Use	DTM02	373	<b>Date</b> Date expressed as CCYYMMDD	X DT 8/8

Deleted: IG810v\_1-6  
 Inserted: IG810v\_1-6  
 Deleted: IG810v\_1.4

- Deleted: August 8
- Deleted: 2001
- Deleted: 4

**Segment:** **DTM** Date/Time Reference (151 = Service Period End)  
**Position:** 150  
**Loop:** IT1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 10  
**Purpose:** To specify pertinent dates and times  
**Syntax Notes:**

- 1 At least one of DTM02 DTM03 or DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

**Semantic Notes:**  
**Comments:**

<b>NJ Use:</b>	Required – Must match the service period dates in PTD*SU loop from the 867 transaction. <b>Note:</b> PSE&G will not validate this segment
<b>Example:</b>	DTM*151*19990201

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	DTM01	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time 151 Service Period End	M ID 3/3
Must Use	DTM02	373	<b>Date</b> Date expressed as CCYYMMDD	X DT 8/8

- Deleted: IG810v\_1-6
- Inserted: IG810v\_1-6
- Deleted: IG810v\_1.4

**Segment:** **SLN** Subline Item Detail  
**Position:** 200  
**Loop:** SLN Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify product subline detail item data  
**Syntax Notes:**

- 1 If either SLN04 or SLN05 is present, then the other is required.
- 2 If SLN07 is present, then SLN06 is required.
- 3 If SLN08 is present, then SLN06 is required.
- 4 If either SLN09 or SLN10 is present, then the other is required.
- 5 If either SLN11 or SLN12 is present, then the other is required.
- 6 If either SLN13 or SLN14 is present, then the other is required.
- 7 If either SLN15 or SLN16 is present, then the other is required.
- 8 If either SLN17 or SLN18 is present, then the other is required.
- 9 If either SLN19 or SLN20 is present, then the other is required.
- 10 If either SLN21 or SLN22 is present, then the other is required.
- 11 If either SLN23 or SLN24 is present, then the other is required.
- 12 If either SLN25 or SLN26 is present, then the other is required.
- 13 If either SLN27 or SLN28 is present, then the other is required.

**Semantic Notes:**

- 1 SLN01 is the identifying number for the subline item.
- 2 SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.
- 3 SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.
- 4 SLN08 is a code indicating the relationship of the price or amount to the associated segment.

**Comments:**

- 1 See the Data Element Dictionary for a complete list of IDs.
- 2 SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.
- 3 SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

<b>Notes:</b>	The IT1/SLN segment (Position 200) is used to overcome the limitation of 25 IT1/SAC loops (Position 180). Each SLN loop will only contain one SAC. Multiple charges/allowances require multiple SLN loops.
<b>NJ Use:</b>	Required
<b>Example:</b>	SLN*1**A

**Data Element Summary**

Ref. Des.	Data Element	Name	Attributes
Must Use SLN01	350	<b>Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set Used as a loop counter	M AN 1/20
Must Use SLN03	662	<b>Relationship Code</b> Code indicating the relationship between entities A Add	M ID 1/1

Example:  
IT1, REF, DTM, DTM, SLN, SAC, SLN, SAC, SLN, SAC

**Segment:** SAC Service, Promotion, Allowance, or Charge Information

**Position:** 230  
**Loop:** SLN Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 25  
**Purpose:** To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

- Syntax Notes:**
- 1 At least one of SAC02 or SAC03 is required.
  - 2 If either SAC03 or SAC04 is present, then the other is required.
  - 3 If either SAC06 or SAC07 is present, then the other is required.
  - 4 If either SAC09 or SAC10 is present, then the other is required.
  - 5 If SAC11 is present, then SAC10 is required.
  - 6 If SAC13 is present, then at least one of SAC02 or SAC04 is required.
  - 7 If SAC14 is present, then SAC13 is required.
  - 8 If SAC16 is present, then SAC15 is required.
- Semantic Notes:**
- 1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
  - 2 SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
  - 3 SAC08 is the allowance or charge rate per unit.
  - 4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
  - 5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
  - 6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
  - 7 SAC16 is used to identify the language being used in SAC15.
- Comments:**
- 1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
  - 2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

<b>Notes:</b>	Each SLN loop will contain only one SLN and one SAC. Multiple charges/allowances require multiple SLN loops.
<b>NJ Use:</b>	Required SAC08, 09, 10, 13, 15 are conditional, they must be provided if the charge in the SAC05 is based on a rate. The SAC05 is mandatory in all cases.
<b>Example:</b>	<u>Bill Ready:</u> SAC*C*D140***4539***.03678*KH*1234***1**GENERATION: 1234 KWH AT 3.678¢ PER KWH <u>Rate Ready:</u> SAC*C*F950*EU*GEN004*4539***.03678*KH*1234*****GENERATION CHARGE

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Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use	SAC01	248 <b>Allowance or Charge Indicator</b> Code which indicates an allowance or charge for the service specified A Allowance C Charge N No Allowance or Charge The amount in the SAC05 will be ignored when summing the invoice total.	M ID 1/1
Must Use	SAC02	1300 <b>Service, Promotion, Allowance, or Charge Code</b> D140 Bill Ready – Actual Charges F950 Rate Ready – Actual Charges H151 Rate Ready – Budget Billed Charges	X ID 4/4
Must Use	SAC03	559 <b>Agency Qualifier Code (Used for Rate Ready Only)</b> EU Electric Utilities Note: EU code will be used for natural gas	X ID 2/2
Conditional	SAC04	1301 <b>Energy Charges</b> NJ: In addition to being used for Rate Ready, some utilities may require this in Bill Ready to distinguish charges: ADJ000 Payment/Adjustment ADJ002 Adjustment BAS001 Customer Charge BUD001 Current Budget Charge DMD001 Demand Charge GEN002 Generation Charge – Measured GEN003 Generation Charge – Adjusted GEN004 Generation Charge – Billed GTC002 Generation/Transmission Charge – Measured GTC003 Generation/Transmission Charge – Adjusted GTC004 Generation/Transmission Charge – Billed GTC005 Generation/Transmission Charge – On Peak GTC006 Generation/Transmission Charge – Off Peak LPC001 Late Payment Charge TRN002 Transmission Charge – Measured TRN003 Transmission Charge – Adjusted TRN004 Transmission Charge – Billed	X AN 1/10
Must Use	SAC05	610 <b>Amount</b> Monetary amount This field stands on its own and will be signed if it is negative. The SAC01 is NOT used to determine the sign in the SAC05.	O N2 1/15
Conditional	SAC08	118 <b>Rate</b> Rate expressed in the standard monetary denomination for the currency specified	O R 1/9
Conditional	SAC09	355 <b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken TZ Therms	X ID 2/2
Conditional	SAC10	380 <b>Quantity</b> Numeric value of quantity	X R 1/15
Conditional	SAC13	127 <b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Used to assign a print sequencing number to determine the order that the line item will appear on the bill. Not used for Rate Ready billing.	X AN 1/30
Conditional	SAC15	352 <b>Description</b>	X AN 1/80

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March 8, 2002  
DRAFT Version 1.6

- Deleted: August 8
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A free-form description to clarify the related data elements and their content

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- Deleted: IG810v\_1-6
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- Deleted: IG810v\_1.4

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**Segment:** **TDS** Total Monetary Value Summary  
**Position:** 010  
**Loop:**  
**Level:** Summary  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To specify the total invoice discounts and amounts  
**Syntax Notes:**  
**Semantic Notes:**

- 1 TDS01 is the total amount of invoice (including charges, less allowances) before terms discount (if discount is applicable).
- 2 TDS02 indicates the amount upon which the terms discount amount is calculated.
- 3 TDS03 is the amount of invoice due if paid by terms discount due date (total invoice or installment amount less cash discount).
- 4 TDS04 indicates the total amount of terms discount.

**Comments:** 1 TDS02 is required if the dollar value subject to discount is not equal to the dollar value of TDS01.

<b>Notes:</b>	TDS01 is the total amount due for this invoice and must equal the algebraic sum of the amounts in the TXI02 and SAC05 segments with the exception of any charges that are designated to be ignored in the calculation in the TXI07 or SAC01. If this amount is negative, send the minus sign.
<b>NJ Use:</b>	Required – The TDS will be the sum of all of the SAC lines. It will not necessarily equal the total charges sent for the current month. For instance, any adjustments sent in Bill Ready for PSE&G will be included in the TDS.
<b>Example:</b>	TDS*10000 <b>Note:</b> This represents \$100.00 – there is an implied decimal.

**Data Element Summary**

Ref. Des.	Data Element	Name	Attributes
Must Use	TDS01	610 Amount Monetary amount	M N2 1/15

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**Segment:** **CTT** Transaction Totals  
**Position:** 070  
**Loop:**  
**Level:** Summary  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To transmit a hash total for a specific element in the transaction set  
**Syntax Notes:** 1 If either CTT03 or CTT04 is present, then the other is required.  
 2 If either CTT05 or CTT06 is present, then the other is required.  
**Semantic Notes:**  
**Comments:** 1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

<b>NJ Use:</b>	Required
<b>Example:</b>	CTT*4

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	CTT01	354	<b>Number of Line Items</b> Total number of line items in the transaction set The number of IT1 segments.	M N0 1/6

- Deleted: IG810v\_1-6
- Inserted: IG810v\_1-6
- Deleted: IG810v\_1.4

- Deleted: August 8
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**Segment:** **SE** Transaction Set Trailer  
**Position:** 080  
**Loop:**  
**Level:** Summary  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

**Syntax Notes:**  
**Semantic Notes:**

**Comments:** 1 SE is the last segment of each transaction set.

<b>NJ Use:</b>	Required
<b>Example:</b>	SE*28*00000001

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	SE01	96	<b>Number of Included Segments</b> Total number of segments included in a transaction set including ST and SE segments	M N0 1/10
Must Use	SE02	329	<b>Transaction Set Control Number</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9

- Deleted: IG810v\_1-6
- Inserted: IG810v\_1-6
- Deleted: IG810v\_1.4

## NJ RATE READY EXAMPLES

### Scenario #1: Month 1 – Original 810

BIG*19990201*19990201123500001***2048392934504* *ME*00	Bill date, unique bill number and cross reference number to corresponding 867
REF*12*1234567890	LDC account number
REF*11*1394959	ESP account number
REF*BLT*LDC	LDC will consolidate the ESP and LDC charges
REF*PC*LDC	LDC will calculate all charges (Rate Ready)
REF*BF*21	Billing Cycle Number 21
N1*8S*LDC UTILITY CO*1*007909411	LDC name and DUNS or DUNS+4 number
N1*SJ*ESP SUPPLIER CO*9*007909422ESP1	ESP name and DUNS or DUNS+4 number
N1*8R*CUSTOMER NAME	Customer's name as it appears on Customer's bill
ITD*****19990220	Customer's Payment Due Date
BAL*P*YB*50.00	Amount the customer owed as a result of the previous bill prior to applying payments and adjustments for the previous period billing.
BAL*M*J9*0	The amount the customer owed prior to the current billing – BAL*P*YB with payments and adjustments applied.
BAL*M*YB*53.41	The customer's total outstanding balance. This is what the customer owes from previous billing periods plus the current billing charges.
IT1*1*****SV*GAS*C3*ACCOUNT	Sequential Line Item Counter. Also indicates that charges are transmitted at a Account level
DTM*150*19990101	Service Period Start
DTM*151*19990131	Service Period End
SLN*1**A	Sequential charge line item counter
SAC*C*F950*EU*BAS001*500***5.00*MO*1*****CUST OMER CHARGE	\$5.00/month Customer Charge for a one-month period.
IT1*2*****SV*GAS*C3*RATE	Sequential Line Item Counter. Also indicates that charges are transmitted at a Rate level
REF*RB*A29	ESP Rate Code
DTM*150*19990101	Service Period Start
DTM*151*19990131	Service Period End
SLN*1**A	Sequential charge line item counter
SAC*C*F950*EU*GEN004*4539***.03678*TZ*1234***** GAS CHARGE	1234 kWh * 3.678 cents/kWh = \$45.39
TDS*5341	\$53.41 Total ESP Portion billed to the customer.
CTT*2	Number of IT1 segments

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## NJ RATE READY EXAMPLES

### Scenario #1: Month 2 – Original 810

BIG*19990301*19990201123500001***2048392934504* *ME*00	Bill date, unique bill number and cross reference number to corresponding 867
REF*12*1234567890	LDC account number
REF*11*1394959	ESP account number
REF*BLT*LDC	LDC will consolidate the ESP and LDC charges
REF*PC*LDC	LDC will calculate all charges (Rate Ready)
REF*BF*21	Billing Cycle Number 21
N1*8S*LDC UTILITY CO*1*007909411	LDC name and DUNS or DUNS+4 number
N1*SJ*ESP SUPPLIER CO*9*007909422ESP1	ESP name and DUNS or DUNS+4 number
N1*8R*CUSTOMER NAME	Customer's name as it appears on The customer's bill
ITD*****19990320	Customer's Payment Due Date
BAL*P*YB*53.41	Amount the customer owed as a result of the previous bill prior to applying payments and adjustments for the previous period billing.
BAL*M*J9*0	The amount the customer owed prior to the current billing – BAL*P*YB with payments and adjustments applied.
BAL*M*YB*39.10	The customer's total outstanding balance. This is what the customer owes from previous billing periods plus the current billing charges.
IT1*1*****SV*GAS*C3*ACCOUNT	Sequential Line Item Counter. Also indicates that charges are transmitted at a Account level
DTM*150*19990201	Service Period Start
DTM*151*19990228	Service Period End
SLN*1**A	Sequential charge line item counter
SAC*C*F950*EU*BAS001*500***5.00*MO*1*****CUST OMER CHARGE	\$5.00/month Customer Charge for a one month period.
IT1*2*****SV*GAS*C3*RATE	Sequential Line Item Counter. Also indicates that charges are transmitted at a Rate level
REF*RB*A29	ESP Rate Code
DTM*150*19990201	Service Period Start
DTM*151*19990228	Service Period End
SLN*1**A	Sequential charge line item counter
SAC*C*F950*EU*GEN004*3189***.03678*TZ*867*****G AS CHARGE	867 kWh * 3.678 cents/kWh = \$31.89
TDS*3910	\$39.10 Total ESP Portion billed to the customer.
CTT*2	Number of IT1 segments

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## NJ RATE READY EXAMPLES

### Scenario #1: Month 1 – Cancellation 810

BIG*19990315*19990201123500001***2048392934504* *ME*01	Bill date, unique bill number and cross reference number to corresponding 867
REF*OI*123456789019990201	Original bill number
REF*12*1234567890	LDC account number
REF*11*1394959	ESP account number
REF*BLT*LDC	LDC will consolidate the ESP and LDC charges
REF*PC*LDC	LDC will calculate all charges (Rate Ready)
REF*BF*21	Billing Cycle Number 21
N1*8S*LDC UTILITY CO*1*007909411	LDC name and DUNS or DUNS+4 number
N1*SJ*ESP SUPPLIER CO*9*007909422ESP1	ESP name and DUNS or DUNS+4 number
N1*8R*CUSTOMER NAME	Customer's name as it appears on The customer's bill
ITD*****19990220	Customer's Payment Due Date
IT1*1*****SV*GAS*C3*ACCOUNT	Sequential Line Item Counter. Also indicates that charges are transmitted at a Account level
DTM*150*19990101	Service Period Start
DTM*151*19990131	Service Period End
SLN*1**A	Sequential charge line item counter
SAC*C*F950*EU*BAS001*500***5.00*MO*1*****CUST OMER CHARGE	\$5.00/month Customer Charge for a one month period.
IT1*2*****SV*GAS*C3*RATE	Sequential Line Item Counter. Also indicates that charges are transmitted at a Rate level
REF*RB*A29	ESP Rate Code
DTM*150*19990101	Service Period Start
DTM*151*19990131	Service Period End
SLN*1**A	Sequential charge line item counter
SAC*C*F950*EU*GEN004*4539***.03678*TZ*1234***** GAS CHARGE	1234 kWh * 3.678 cents/kWh = \$45.39
TDS*5341	\$53.41 Total ESP Portion billed to the customer.
CTT*2	Number of IT1 segments

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## NJ RATE READY EXAMPLES

### Scenario #1: Month 2 – Cancellation 810

BIG*19990315*19990201123500001***2048392934504* *ME*01	Bill date, unique bill number and cross reference number to corresponding 867
REF*OI*123456789019990301	Bill number being cancelled
REF*12*1234567890	LDC account number
REF*11*1394959	ESP account number
REF*BLT*LDC	LDC will consolidate the ESP and LDC charges
REF*PC*LDC	LDC will calculate all charges (Rate Ready)
REF*BF*21	Billing Cycle Number 21
N1*8S*LDC UTILITY CO*1*007909411	LDC name and DUNS or DUNS+4 number
N1*SJ*ESP SUPPLIER CO*9*007909422ESP1	ESP name and DUNS or DUNS+4 number
N1*8R*CUSTOMER NAME	Customer's name as it appears on The customer's bill
ITD*****19990320	Customer's Payment Due Date
IT1*1*****SV*GAS*C3*ACCOUNT	Sequential Line Item Counter. Also indicates that charges are transmitted at a Account level
DTM*150*19990201	Service Period Start
DTM*151*19990228	Service Period End
SLN*1**A	Sequential charge line item counter
SAC*C*F950*EU*BAS001*500***5.00*MO*1*****CUST OMER CHARGE	\$5.00/month Customer Charge for a one month period.
IT1*2*****SV*GAS*C3*RATE	Sequential Line Item Counter. Also indicates that charges are transmitted at a Rate level
REF*RB*A29	ESP Rate Code
DTM*150*19990201	Service Period Start
DTM*151*19990228	Service Period End
SLN*1**A	Sequential charge line item counter
SAC*C*F950*EU*GEN004*3189***.03678*TZ*867*****G AS CHARGE	867 kWh * 3.678 cents/kWh = \$31.89
TDS*3910	\$39.10 Total ESP Portion billed to the customer.
CTT*2	Number of IT1 segments

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## NJ RATE READY EXAMPLES

### Scenario #1: Months 1 & 2 – Original 810 (Restating Months 1 and 2)

BIG*199902315*19990201123500001***2048392934504**ME*00	Bill date, unique bill number and cross reference number to corresponding 867
REF*12*1234567890	LDC account number
REF*11*1394959	ESP account number
REF*BLT*LDC	LDC will consolidate the ESP and LDC charges
REF*PC*LDC	LDC will calculate all charges (Rate Ready)
REF*BF*21	Billing Cycle Number 21
N1*8S*LDC UTILITY CO*1*007909411	LDC name and DUNS or DUNS+4 number
N1*SJ*ESP SUPPLIER CO*9*007909422ESP1	ESP name and DUNS or DUNS+4 number
N1*8R*CUSTOMER NAME	Customer's name as it appears on The customer's bill
ITD*****19990405	Customer's Payment Due Date
BAL*P*YB*39.10	Amount the customer owed as a result of the previous bill prior to applying payments and adjustments for the previous period billing.
BAL*M*J9*0	The amount the customer owed prior to the current billing – BAL*P*YB with payments and adjustments applied.
BAL*M*YB*90.25	The customer's total outstanding balance. This is what the customer owes from previous billing periods plus the current billing charges.
IT1*1*****SV*GAS*C3*ACCOUNT	Sequential Line Item Counter. Also indicates that charges are transmitted at a Account level
DTM*150*19990101	Service Period Start
DTM*151*19990228	Service Period End
SLN*1**A	Sequential charge line item counter
SAC*C*F950*EU*BAS001*1000***5.00*MO*2*****CUSTOMER CHARGE	\$5.00/month Customer Charge for a one month period.
IT1*2*****SV*GAS*C3*RATE	Sequential Line Item Counter. Also indicates that charges are transmitted at a Rate level
REF*RB*A29	ESP Rate Code
DTM*150*19990101	Service Period Start
DTM*151*19990228	Service Period End
SLN*1**A	Sequential charge line item counter
SAC*C*F950*EU*GEN004*7514***.03678*TZ*2043*****GAS CHARGE	2043 kWh * 3.678 cents/kWh = \$75.14
TDS*9025	\$90.25 Total ESP Portion billed to the customer.
CTT*2	Number of IT1 segments

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## NJ RATE READY EXAMPLES

### Scenario #2 – Account and Rate Loop tiered charges

BIG*19990201*19990201123500001***2048392934504* *ME*00	Bill date, unique bill number and cross reference number to corresponding 867
REF*12*1234567890	LDC account number
REF*11*1394959	ESP account number
REF*BLT*LDC	LDC will consolidate the ESP and LDC charges
REF*PC*LDC	LDC will calculate all charges (Rate Ready)
REF*BF*21	Billing Cycle Number 21
N1*8S*LDC UTILITY CO*1*007909411	LDC name and DUNS or DUNS+4 number
N1*SJ*ESP SUPPLIER CO*9*007909422ESP1	ESP name and DUNS or DUNS+4 number
N1*8R*CUSTOMER NAME	Customer's name as it appears on The customer's bill
ITD*****19990220	Customer's Payment Due Date
BAL*P*YB*50.00	Amount the customer owed as a result of the previous bill prior to applying payments and adjustments for the previous period billing.
BAL*M*J9*0	The amount the customer owed prior to the current billing – BAL*P*YB with payments and adjustments applied.
BAL*M*YB*99.99	The customer's total outstanding balance. This is what the customer owes from previous billing periods plus the current billing charges.
IT1*1*****SV*GAS*C3*ACCOUNT	Sequential Line Item Counter. Also indicates that charges are transmitted at a Account level
DTM*150*19990101	Service Period Start
DTM*151*19990131	Service Period End
SLN*1**A	Sequential charge line item counter
SAC*C*F950*EU*BAS001*500***5.00*MO*1*****CUST OMER CHARGE	\$5.00/month Customer Charge for a one-month period.
IT1*2*****SV*GAS*C3*RATE	Sequential Line Item Counter. Also indicates that charges are transmitted at a Rate level
REF*RB*A29	ESP Rate Code
DTM*150*19990101	Service Period Start
DTM*151*19990131	Service Period End
SLN*1**A	Sequential charge line item counter
SAC*C*F950*EU*GEN004*3821***.03821*TZ*1000***** GAS CHARGE STEP 1	1000 kWh * 3.821 cents/kWh = \$38.21
SLN*2**A	
SAC*C*F950*EU*GEN004*3524***.03524*TZ*1000***** GAS CHARGE STEP 2	1000 kWh * 3.524 cents/kWh = \$35.24
SLN*3**A	
SAC*C*F950*EU*GEN004*1588***.03467*TZ*458***** AS CHARGE STEP 3	458 kWh * 3.467 cents/kWh = \$15.88
TDS*9999	\$99.99 Total ESP Portion billed to the customer.
CTT*2	Number of IT1 segments

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Inserted: IG810v\_1-6  
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### NJ RATE READY EXAMPLES

#### Scenario #3 – Account and Rate Loop On/ Off Peak charges

BIG*19990201*19990201123500001***2048392934504**ME*00	Bill date, unique bill number and cross reference number to corresponding 867
REF*12*1234567890	LDC account number
REF*11*1394959	ESP account number
REF*BLT*LDC	LDC will consolidate the ESP and LDC charges
REF*PC*LDC	LDC will calculate all charges (Rate Ready)
REF*BF*21	Billing Cycle Number 21
N1*8S*LDC UTILITY CO*1*007909411	LDC name and DUNS or DUNS+4 number
N1*SJ*ESP SUPPLIER CO*9*007909422ESP1	ESP name and DUNS or DUNS+4 number
N1*8R*CUSTOMER NAME	Customer's name as it appears on The customer's bill
ITD*****19990220	Customer's Payment Due Date
BAL*P*YB*50.00	Amount the customer owed as a result of the previous bill prior to applying payments and adjustments for the previous period billing.
BAL*M*J9*0	The amount the customer owed prior to the current billing – BAL*P*YB with payments and adjustments applied.
BAL*M*YB*56.17	The customer's total outstanding balance. This is what the customer owes from previous billing periods plus the current billing charges.
IT1*1*****SV*GAS*C3*ACCOUNT	Sequential Line Item Counter. Also indicates that charges are transmitted at a Account level
DTM*150*19990101	Service Period Start
DTM*151*19990131	Service Period End
SLN*1**A	Sequential charge line item counter
SAC*C*F950*EU*BAS001*500***5.00*MO*1*****CUST OMER CHARGE	\$5.00/month Customer Charge for a one month period.
IT1*2*****SV*GAS*C3*RATE	Sequential Line Item Counter. Also indicates that charges are transmitted at a Rate level
REF*RB*A29	ESP Rate Code
DTM*150*19990101	Service Period Start
DTM*151*19990131	Service Period End
SLN*1**A	Sequential charge line item counter
SAC*C*F950*EU*GTC005*2924***.04039*TZ*724***** GENERATION/TRANSMISSION CHARGE ON PEAK	724 kWh * 4.039 cents/kWh = \$29.24
SLN*2**A	Sequential charge line item counter
SAC*C*F950*EU*GTC006*1875***.03479*TZ*539***** GENERATION/TRANSMISSION CHARGE OFF PEAK	539 kWh * 3.479 cents/kWh = \$18.75
TDS*5617	\$56.17 Total ESP Portion billed to the customer.
CTT*2	Number of IT1 segments

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Deleted: August 8  
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## NJ RATE READY EXAMPLES

### Scenario #4 – Account and Rate Loop charges

BIG*19990201*19990201123500001***2048392934504**ME*00	Bill date, unique bill number and cross reference number to corresponding 867
REF*12*1234567890	LDC account number
REF*11*1394959	ESP account number
REF*BLT*LDC	LDC will consolidate the ESP and LDC charges
REF*PC*LDC	LDC will calculate all charges (Rate Ready)
REF*BF*21	Billing Cycle Number 21
N1*8S*LDC UTILITY CO*1*007909411	LDC name and DUNS or DUNS+4 number
N1*SJ*ESP SUPPLIER CO*9*007909422ESP1	ESP name and DUNS or DUNS+4 number
N1*8R*CUSTOMER NAME	Customer's name as it appears on The customer's bill
ITD*****19990220	Customer's Payment Due Date
BAL*P*YB*50.00	Amount the customer owed as a result of the previous bill prior to applying payments and adjustments for the previous period billing.
BAL*M*J9*0	The amount the customer owed prior to the current billing – BAL*P*YB with payments and adjustments applied.
BAL*M*YB*44.12	The customer's total outstanding balance. This is what the customer owes from previous billing periods plus the current billing charges.
IT1*1*****SV*GAS*C3*ACCOUNT	Sequential Line Item Counter. Also indicates that charges are transmitted at a Account level
DTM*150*19990101	Service Period Start
DTM*151*19990131	Service Period End
SLN*1**A	Sequential charge line item counter
SAC*C*F950*EU*BAS001*500***5.00*MO*1*****CUSTOMER CHARGE	\$5.00/month Customer Charge for a one month period.
IT1*2*****SV*GAS*C3*RATE	Sequential Line Item Counter. Also indicates that charges are transmitted at a Rate level
REF*RB*A29	ESP Rate Code
DTM*150*19990101	Service Period Start
DTM*151*19990131	Service Period End
SLN*1**A	Sequential charge line item counter
SAC*C*F950*EU*GEN004*3662***.04128*TZ*887*****GAS CHARGE	887 kWh * 4.128 cents/kWh = \$36.62
TDS*4412	\$44.12 Total ESP Portion billed to the customer.
CTT*2	Number of IT1 segments

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 Deleted: 2001  
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## NJ RATE READY EXAMPLES

### Scenario #5 – Account and Rate Loop with multiple charges

BIG*19990201*19990201123500001***2048392934504**ME*00	Bill date, unique bill number and cross reference number to corresponding 867
REF*12*1234567890	LDC account number
REF*11*1394959	ESP account number
REF*BLT*LDC	LDC will consolidate the ESP and LDC charges
REF*PC*LDC	LDC will calculate all charges (Rate Ready)
REF*BF*21	Billing Cycle Number 21
N1*8S*LDC UTILITY CO*1*007909411	LDC name and DUNS or DUNS+4 number
N1*SJ*ESP SUPPLIER CO*9*007909422ESP1	ESP name and DUNS or DUNS+4 number
N1*8R*CUSTOMER NAME	Customer's name as it appears on The customer's bill
ITD*****19990220	Customer's Payment Due Date
BAL*P*YB*50.00	Amount the customer owed as a result of the previous bill prior to applying payments and adjustments for the previous period billing.
BAL*M*J9*0	The amount the customer owed prior to the current billing – BAL*P*YB with payments and adjustments applied.
BAL*M*YB*952.17	The customer's total outstanding balance. This is what the customer owes from previous billing periods plus the current billing charges.
IT1*1*****SV*GAS*C3*ACCOUNT	Sequential Line Item Counter. Also indicates that charges are transmitted at a Account level
DTM*150*19990101	Service Period Start
DTM*151*19990131	Service Period End
IT1*2*****SV*GAS*C3*RATE	Sequential Line Item Counter. Also indicates that charges are transmitted at a Rate level
REF*RB*A29	ESP Rate Code
DTM*150*19990101	Service Period Start
DTM*151*19990131	Service Period End
SLN*1**A	Sequential charge line item counter
SAC*C*F950*EU*GEN004*19922***14.23*K1*14*****GAS CHARGE	14 kW * \$14.23/KW = \$199.22
SLN*2**A	Sequential charge line item counter
SAC*C*F950*EU*GEN004*69905***.03128*TZ*22348* ***GAS CHARGE	22348 kWh * 3.128 cents/kWh = \$699.05
TDS*95217	\$952.17 Total ESP Portion billed to the customer.
CTT*2	Number of IT1 segments

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 Deleted: IG810v\_1.4

Deleted: August 8  
 Deleted: 2001  
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## NJ RATE READY EXAMPLES

### Scenario #6 Account and Rate Loop with multiple charges one being unmetered

BIG*19990201*19990201123500001***2048392934504**ME*00	Bill date, unique bill number and cross reference number to corresponding 867
REF*12*1234567890	LDC account number
REF*11*1394959	ESP account number
REF*BLT*LDC	LDC will consolidate the ESP and LDC charges
REF*PC*LDC	LDC will calculate all charges (Rate Ready)
REF*BF*21	Billing Cycle Number 21
N1*8S*LDC UTILITY CO*1*007909411	LDC name and DUNS or DUNS+4 number
N1*SJ*ESP SUPPLIER CO*9*007909422ESP1	ESP name and DUNS or DUNS+4 number
N1*8R*CUSTOMER NAME	Customer's name as it appears on The customer's bill
ITD*****19990220	Customer's Payment Due Date
BAL*P*YB*50.00	Amount the customer owed as a result of the previous bill prior to applying payments and adjustments for the previous period billing.
BAL*M*J9*0	The amount the customer owed prior to the current billing – BAL*P*YB with payments and adjustments applied.
BAL*M*YB*35.37	The customer's total outstanding balance. This is what the customer owes from previous billing periods plus the current billing charges.
IT1*1*****SV*GAS*C3*ACCOUNT	Sequential Line Item Counter. Also indicates that charges are transmitted at a Account level
DTM*150*19990101	Service Period Start
DTM*151*19990131	Service Period End
IT1*2*****SV*GAS*C3*RATE	Sequential Line Item Counter. Also indicates that charges are transmitted at a Rate level
REF*RB*A29	ESP Rate Code
DTM*150*19990101	Service Period Start
DTM*151*19990131	Service Period End
SLN*1**A	Sequential charge line item counter
SAC*C*F950*EU*GEN004*3109***.04075*TZ*763*****GAS CHARGE	763 kWh * 4.075 cents/kWh = \$31.09
IT1*3*****SV*GAS*C3*UNMET	Sequential Line Item Counter. Also indicates that charges are for unmetered services
REF*RB*A30	ESP Rate Code
DTM*150*19990101	Service Period Start
DTM*151*19990131	Service Period End
SLN*1**A	Sequential charge line item counter
SAC*C*F950*EU*GEN004*228***.04075*TZ*48*****GAS CHARGE	48 kWh * 4.075 cents/kWh = \$2.28
TDS*3537	\$35.37 Total ESP Portion billed to the customer.
CTT*3	Number of IT1 segments

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 Inserted: IG810v\_1-6  
 Deleted: IG810v\_1.4

March 8, 2002  
DRAFT Version 1.6

- Deleted: August 8
- Deleted: 2001
- Deleted: 4

## NJ RATE READY EXAMPLES

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- Deleted: IG810v\_1-6
- Inserted: IG810v\_1-6
- Deleted: IG810v\_1.4

## NJ RATE READY EXAMPLES

### Scenario #7 Rate Loop charges

BIG*19990201*19990201123500001***2048392934504**ME*00	Bill date, unique bill number and cross reference number to corresponding 867
REF*12*1234567890	LDC account number
REF*11*1394959	ESP account number
REF*BLT*LDC	LDC will consolidate the ESP and LDC charges
REF*PC*LDC	LDC will calculate all charges (Rate Ready)
REF*BF*21	Billing Cycle Number 21
N1*8S*LDC UTILITY CO*1*007909411	LDC name and DUNS or DUNS+4 number
N1*SJ*ESP SUPPLIER CO*9*007909422ESP1	ESP name and DUNS or DUNS+4 number
N1*8R*CUSTOMER NAME	Customer's name as it appears on The customer's bill
ITD*****19990220	Customer's Payment Due Date
BAL*P*YB*50.00	Amount the customer owed as a result of the previous bill prior to applying payments and adjustments for the previous period billing.
BAL*M*J9*0	The amount the customer owed prior to the current billing – BAL*P*YB with payments and adjustments applied.
BAL*M*YB*34.92	The customer's total outstanding balance. This is what the customer owes from previous billing periods plus the current billing charges.
IT1*1*****SV*GAS*C3*RATE	Sequential Line Item Counter. Also indicates that charges are transmitted at a Rate level
REF*RB*A29	ESP Rate Code
DTM*150*19990101	Service Period Start
DTM*151*19990131	Service Period End
SLN*1**A	Sequential charge line item counter
SAC*C*F950*EU*GEN004*3492***.04128*TZ*846*****GAS CHARGE	846 kWh * 4.128 cents/kWh = \$34.92
TDS*3492	\$34.92 Total ESP Portion billed to the customer.
CTT*1	Number of IT1 segments

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## NJ RATE READY EXAMPLES

### Scenario #8 Account and Rate Loop charges

BIG*19990201*19990201123500001***2048392934504**ME*00	Bill date, unique bill number and cross reference number to corresponding 867
REF*12*1234567890	LDC account number
REF*11*1394959	ESP account number
REF*BLT*LDC	LDC will consolidate the ESP and LDC charges
REF*PC*LDC	LDC will calculate all charges (Rate Ready)
REF*BF*21	Billing Cycle Number 21
N1*8S*LDC UTILITY CO*1*007909411	LDC name and DUNS or DUNS+4 number
N1*SJ*ESP SUPPLIER CO*9*007909422ESP1	ESP name and DUNS or DUNS+4 number
N1*8R*CUSTOMER NAME	Customer's name as it appears on The customer's bill
ITD*****19990220	Customer's Payment Due Date
BAL*P*YB*50.00	Amount the customer owed as a result of the previous bill prior to applying payments and adjustments for the previous period billing.
BAL*M*J9*0	The amount the customer owed prior to the current billing – BAL*P*YB with payments and adjustments applied.
BAL*M*YB*52.96	The customer's total outstanding balance. This is what the customer owes from previous billing periods plus the current billing charges.
IT1*1*****SV*GAS*C3*ACCOUNT	Sequential Line Item Counter. Also indicates that charges are transmitted at a Account level
DTM*150*19990101	Service Period Start
DTM*151*19990131	Service Period End
SLN*1**A	Sequential charge line item counter
SAC*C*F950*EU*BAS001*500***5.00*MO*1*****CUSTOMER CHARGE	\$5.00/month Customer Charge for a one-month period.
IT1*1*****SV*GAS*C3*RATE	Sequential Line Item Counter. Also indicates that charges are transmitted at a Rate level
REF*RB*A29	ESP Rate Code
DTM*150*19990101	Service Period Start
DTM*151*19990131	Service Period End
SLN*1**A	Sequential charge line item counter
SAC*C*F950*EU*GEN004*4539***.03678*TZ*1234*****GAS CHARGE	1234 kWh * 3.678 cents/kWh = \$45.39
TDS*5296	\$52.96 Total ESP Portion billed to the customer.
CTT*2	Number of IT1 segments

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## NJ BILL READY EXAMPLES

### Scenario #1: Month 1 – Original 810

BIG*19990203*	Bill date, unique bill number, and cross reference number to corresponding original 867
BILL0012345***2048392934504**ME*00	
NTE*ADD*WE APPECIATE YOUR BUSINESS	LDCESP text message to customer
NTE*ADD*CONSERVE ENERGY FOR A BETTER TOMORROW	LDCESP text message to customer
NTE*OTH*POWER LINES ARE DANGEROUS	Regulatory Message from ESPLDC to customer
NTE*OTH*TREE TRIMMING IN YOUR AREA NEXT MONTH	Regulatory Message from ESP to customer
REF*12*1234567890	LDC Account number
REF*11*1394959	ESP Account number
REF*BLT*LDC	LDC will consolidate the LDC and ESP charges
REF*PC*DUAL	ESP/ESP will calculate their own charges
N1*8S*LDC UTILITY CO*1*007909411	LDC name and DUNS number
N1*SJ*ESP SUPPLIER CO*9*007909422ESP1	ESP name and DUNS number
N1*8R*CUSTOMER NAME	Customer name as it appears on the customer's bill
IT1*1*****SV*GAS*C3*ACCOUNT	Sequential Line Item Counter. Also indicates that charges are transmitted at a Account level
DTM*150*19990101	Service Period Start
DTM*151*19990131	Service Period End
SLN*1**A	Sequential charge line item counter
SAC*C*D140***500***5.00*MO*1***2**CUSTOMER CHARGES: \$5.00	\$5.00/month customer charge for a one-month period
IT1*2*****SV*GAS*C3*RATE	Sequential Line Item Counter – also indicates charges are transmitted at a rate level
DTM*150*19990101	Service Period Start
DTM*151*19990131	Service Period End
SLN*1**A	Sequential Charge Line Item Counter
SAC*C*D140***4539***.03678*TZ*1234***1**GENERATION: 1234 KWH AT 3.678¢ PER kWh	Charge indicator, bill ready actual ready indicator, line item amount, rate, unit of measure, measurement, print sequencing number, and charge description.
TDS*5341	Total ESP portion billed to customer
CTT*2	Number of IT1 segments

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**NJ BILL READY EXAMPLES**

**Scenario #1: Month 2 – Original 810**

BIG*19990303*	Bill date, and unique bill number, and cross reference number to corresponding original 867
BILL0012897***2048392934505**ME*00	
NTE*ADD*WE APPECIATE YOUR BUSINESS	LDCESP text message to customer
NTE*ADD*CONSERVE ENERGY FOR A BETTER TOMORROW	LDCESP text message to customer
NTE*OTH*POWER LINES ARE DANGEROUS	Regulatory Message from LDCESP to customer
NTE*OTH*TREE TRIMMING IN YOUR AREA NEXT MONTH	Regulatory Message from ESP to customer
REF*12*1234567890	LDC Account number
REF*11*1394959	ESP Account number
REF*BLT*LDC	LDC will consolidate the LDC and ESP charges
REF*PC*DUAL	ESP/ESP will calculate their own charges
N1*8S*LDC UTILITY CO*1*007909411	LDC name and DUNS number
N1*SJ*ESP SUPPLIER CO*9*007909422ESP1	ESP name and DUNS number
N1*8R*CUSTOMER NAME	Customer name as it appears on the Eligibility Customer List
IT1*1*****SV*GAS*C3*ACCOUNT	Sequential Line Item Counter. Also indicates that charges are transmitted at a Account level
DTM*150*19990201	Service Period Start
DTM*151*19990228	Service Period End
SLN*1**A	Sequential charge line item counter
SAC*C*D140***500***5.00*MO*1****2**CUSTOMER CHARGES: \$5.00	\$5.00/month customer charge for a one-month period
IT1*2*****SV*GAS*C3*RATE	Sequential Line Item Counter – also indicates charges are transmitted at a rate level
DTM*150*19990201	Service Period Start
DTM*151*19990228	Service Period End
SLN*1**A	Sequential Charge Line Item Counter
SAC*C*D140***3189***.03678*TZ*867***1**GENERATION: 867 KWH AT 3.678¢ PER kWh	Charge indicator, bill ready actual ready indicator, line item amount, rate, unit of measure, measurement, print sequencing number, and charge description.
TDS*3910	Total ESP portion billed to customer
CTT*2	Number of IT1 segments

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## NJ BILL READY EXAMPLES

### Scenario #1: Month 1 – Cancellation 810

BIG*19990315*BILL00123777***2048392934504**ME*01	Bill date, unique bill number and cross reference number to corresponding 867
NTE*ADD*WE APPECIATE YOUR BUSINESS	LDCESP text message to customer
NTE*ADD*CONSERVE ENERGY FOR A BETTER TOMORROW	LDCESP text message to customer
NTE*OTH*POWER LINES ARE DANGEROUS	Regulatory Message from LDCESP to customer
NTE*OTH*TREE TRIMMING IN YOUR AREA NEXT MONTH	Regulatory Message from ESP to customer
REF*OI* BILL0012345	Bill number being cancelled
REF*12*1234567890	LDC Account number
REF*11*1394959	ESP Account number
REF*BLT*LDC	LDC will consolidate the LDC and ESP charges
REF*PC*DUAL	ESP/ESP will calculate their own charges
N1*8S*LDC UTILITY CO*1*007909411	LDC name and DUNS number
N1*SJ*ESP SUPPLIER CO*9*007909422ESP1	ESP name and DUNS number
N1*8R*CUSTOMER NAME	Customer name as it appears on the Eligibility Customer List
IT1*1*****SV*GAS*C3*ACCOUNT	Sequential Line Item Counter. Also indicates that charges are transmitted at a Account level
DTM*150*19990101	Service Period Start
DTM*151*19990131	Service Period End
SLN*1**A	Sequential charge line item counter
SAC*C*D140***500***5.00*MO*1***2**CUSTOMER CHARGES: \$5.00	\$5.00/month customer charge for a one-month period
IT1*2*****SV*GAS*C3*RATE	Sequential Line Item Counter – also indicates charges are transmitted at a rate level
DTM*150*19990101	Service Period Start
DTM*151*19990131	Service Period End
SLN*1**A	Sequential Charge Line Item Counter
SAC*C*D140***4539***.03678*TZ*1234***1**GENERATION: 1234 KWH AT 3.678¢ PER kWh	Charge indicator, bill ready actual ready indicator, line item amount, rate, unit of measure, measurement, print sequencing number, and charge description.
TDS*5341	Total ESP portion billed to customer
CTT*2	Number of IT1 segments

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Deleted: August 8  
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## NJ BILL READY EXAMPLES

### Scenario #1: Month 2 – Cancellation 810

BIG*19990315*BILL00123778***2048392934505**ME*01	Bill date, unique bill number and cross reference number to corresponding cancel 867
NTE*ADD*WE APPECIATE YOUR BUSINESS	LDCESP text message to customer
NTE*ADD*CONSERVE ENERGY FOR A BETTER TOMORROW	LDCESP text message to customer
NTE*OTH*POWER LINES ARE DANGEROUS	Regulatory Message from LDCESP to customer
NTE*OTH*TREE TRIMMING IN YOUR AREA NEXT MONTH	Regulatory Message from ESP to customer
REF*OI* BILL0012897	Bill number being cancelled
REF*12*1234567890	LDC Account number
REF*11*1394959	ESP Account number
REF*BLT*LDC	LDC will consolidate the LDC and ESP charges
REF*PC*DUAL	ESP/ESP will calculate their own charges
N1*8S*LDC UTILITY CO*1*007909411	LDC name and DUNS number
N1*SJ*ESP SUPPLIER CO*9*007909422ESP1	ESP name and DUNS number
N1*8R*CUSTOMER NAME	Customer name as it appears on the Eligibility Customer List
IT1*1*****SV*GAS*C3*ACCOUNT	Sequential Line Item Counter. Also indicates that charges are transmitted at a Account level
DTM*150*19990201	Service Period Start
DTM*151*19990228	Service Period End
SLN*1**A	Sequential charge line item counter
SAC*C*D140***500***5.00*MO*1***2**CUSTOMER CHARGES: \$5.00	\$5.00/month customer charge for a one-month period
IT1*2*****SV*GAS*C3*RATE	Sequential Line Item Counter – also indicates charges are transmitted at a rate level
DTM*150*19990201	Service Period Start
DTM*151*19990228	Service Period End
SLN*1**A	Sequential Charge Line Item Counter
SAC*C*D140***3189***.03678*TZ*867***1**GENERATION: 867 KWH AT 3.678¢ PER kWh	Charge indicator, bill ready actual ready indicator, line item amount, rate, unit of measure, measurement, print sequencing number, and charge description.
TDS*3910	Total ESP portion billed to customer
CTT*2	Number of IT1 segments

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**NJ BILL READY EXAMPLES**

**Scenario #1: Months 1 & 2 – Original 810 (restating months 1 and 2)**

BIG*19990317*BILL0019998***2048392934504**ME*00	Bill date, unique bill number and cross reference number to corresponding restate 867
NTE*ADD*WE APPECIATE YOUR BUSINESS	LDCESP text message to customer
NTE*ADD*CONSERVE ENERGY FOR A BETTER TOMORROW	LDCESP text message to customer
NTE*OTH*POWER LINES ARE DANGEROUS	Regulatory Message from LDC to customer
NTE*OTH*TREE TRIMMING IN YOUR AREA NEXT MONTH	Regulatory Message from ESP to customer
REF*12*1234567890	LDC Account number
REF*11*1394959	ESP Account number
REF*BLT*LDC	LDC will consolidate the LDC and ESP charges
REF*PC*DUAL	ESP/ESP will calculate their own charges
N1*8S*LDC UTILITY CO*1*007909411	LDC name and DUNS number
N1*SJ*ESP SUPPLIER CO*9*007909422ESP1	ESP name and DUNS number
N1*8R*CUSTOMER NAME	Customer name as it appears on the Eligibility Customer List
IT1*1*****SV*GAS*C3*ACCOUNT	Sequential Line Item Counter. Also indicates that charges are transmitted at a Account level
DTM*150*19990101	Service Period Start
DTM*151*19990228	Service Period End
SLN*1**A	Sequential charge line item counter
SAC*C*D140***1000***5.00*MO*2***2**CUSTOMER CHARGES: \$10.00	\$5.00/month customer charge for a two-month period
IT1*2*****SV*GAS*C3*RATE	Sequential Line Item Counter – also indicates charges are transmitted at a rate level
DTM*150*19990101	Service Period Start
DTM*151*19990228	Service Period End
SLN*1**A	Sequential Charge Line Item Counter
SAC*C*D140***7514*** 03678*TZ*2043****1**GENERATION: 2043 KWH AT 3.678¢ PER KWH	Charge indicator, bill ready actual ready indicator, line item amount, rate, unit of measure, measurement, print sequencing number, and charge description.
TDS*9025	Total ESP portion billed to customer
CTT*2	Number of IT1 segments

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March 8, 2002  
DRAFT Version 1.6

- Deleted: August 8
- Deleted: 2001
- Deleted: 4

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- Deleted: IG810v\_1-6
- Inserted: IG810v\_1-6
- Deleted: IG810v\_1.4

# PSE&G BILL-READY EXAMPLE

## Scenario #1: Month 1 – Original 810

**Note:** This example shows which fields PSE&G will use.

BIG*19990203*123456789*****ME*00	Bill date, unique bill number
REF*12*2348293420	LDC account number
REF*11*90384598304	TPS account number
REF*BLT*LDC	LDC will consolidate the LDC and TPS charges
REF*PC*DUAL	TPS will calculate their own charges
N1*8S*PSE&G*1*006973812	LDC name and DUNS number
N1*SJ*TPS SUPPLIER CO*9*007909422TPS1	TPS name and DUNS number
N1*8R*CUSTOMER NAME	Customer name as it appears on the customer's bill
BAL*M*YB*50.00	TPS total charges due
IT1*1*****SV*GAS*C3*ACCOUNT	Sequential Line Item Counter. Also indicates that charges are transmitted at a Account level
PID*F**EU**THIS IS SAMPLE Text Line 1*R1*01	Rolling Page of Text Line 1
PID*F**EU**THIS IS SAMPLE Text Line 2*R1*02	Rolling Page of Text Line 2
PID*F**EU**THIS IS SAMPLE Text Line 3*R1*01	Rolling Page of Text Line 3
DTM*150*19990101	Service period start
DTM*151*19990131	Service period end
SLN*1**A	Sequential charge line item counter
SAC*C*D140*EU*ADJ000*-47500	Charge indicator, bill ready actual ready indicator, adjustment charge indicator, Adjustment amount
SLN*2**A	Sequential charge line item counter
SAC*C*D140*EU*GEN004*52500	Charge indicator, bill ready actual ready indicator, GAS CHARGE indicator, line item amount
TDS*5000	Total of SAC*05 amounts
CTT*1	Number of IT1 segments

The following is a representation of the data from the above EDI 810 shown on the TPS portion of the PSE&G bill but not the actual format.

Adjustments: (\$475.00)  
 Current Charges: \$525.00  
 Total (TPS Name) Charges: \$50.00

THIS IS SAMPLE Text Line 1  
 THIS IS SAMPLE Text Line 2  
 THIS IS SAMPLE Text Line 3

Deleted: August 8  
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## South Jersey Gas BILL-READY EXAMPLE

### Scenario #1: Month 1 – Original 810

**Note:** This example reflects an 810 transaction, as it would be sent from a marketer to SJG.

BIG*20011030*12345678***12345**ME*00	Bill date, unique bill number
REF*12*2348293420	LDC account number
REF*11*90384598304	TPS account number
REF*BLT*LDC	LDC will consolidate the LDC and TPS charges
REF*PC*DUAL	TPS will calculate their own charges
N1*8S*SOUTH JERSEY GAS COMPANY*1*051409498	LDC name and DUNS number
N1*SJ*Marketer Company Name*1*9999999	TPS name and DUNS number
N1*8R*John Doe	Customer name as it appears on the customer's bill
BAL*P*YB*100.00	(Optional - Balance type code, Unpaid balance, Amount of unpaid balance)
BAL*M*J9*10.00	(Optional - Balance type code, Beginning balance, Amount of beginning balance)
BAL*M*YB*160.00	(Optional - Balance type code, Total charges due, Amount of total charges due)
IT1*1*****SV*GAS*C3*ACCOUNT	Sequential Line Item Counter. Also indicates that charges are transmitted at a Account level
DTM*150*20011001	Service period start
DTM*151*20011031	Service period end
SLN*1**A	Sequential charge line item counter
SAC*C*D140*EU*ADJ000*-9000	Charge indicator, bill ready actual ready indicator, adjustment charge indicator, Adjustment amount
SLN*2**A	Sequential charge line item counter
SAC*C*D140*EU*GEN004*15000	Charge indicator, bill ready actual ready indicator, GAS CHARGE indicator, line item amount
TDS*6000	Total of SAC*05 amounts
CTT*1	Number of IT1 segments

Deleted: IG810v\_1-6  
 Inserted: IG810v\_1-6  
 Deleted: IG810v\_1.4

Page 1: [1] Deleted	PSEG	11/28/2001 5:58 PM
		<b>August 8</b>
Page 1: [1] Deleted	PSEG	3/8/2002 5:17 PM
		<b>2001</b>
Page 1: [2] Deleted	PSEG	11/28/2001 5:58 PM
		<b>August 8</b>
Page 1: [2] Deleted	PSEG	3/8/2002 5:17 PM
		<b>2001</b>